

**UNITED STATES DISTRICT COURT
FOR THE WESTERN DISTRICT OF WISCONSIN**

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JAY J. SCHINDLER, M.D.

Plaintiff,

v.

Case No.: 05:C-705-C

MARSHFIELD CLINIC,
SAINT JOSEPH'S HOSPITAL OF
MARSHFIELD, INC., ET AL.,

Defendants.

RULE 26(a)(2)(B) EXPERT REPORT OF REGIS W. HAID, JR., M.D.

It is my intention at the trial of the above-fashioned action pursuant to Rule 26(a)(2)(B) of the Federal Rules of Civil Procedure to offer testimony as follows:

1. That I am Regis W. Haid, Jr., M.D., an adult over the age of twenty-one (21) and that I make the following statements based on my education, training, experience and a review of the relevant medical records pertaining to the peer review matter conducted at the Marshfield Clinic which investigated various patient care issues pertaining to Jay J. Schindler, M.D., the Plaintiff in this matter.

2. That I am a Board Certified Neurosurgeon presently engaged in private practice at Atlanta Brain and Spine Care in Atlanta, Georgia. My area of expertise is complex spine surgery and I have in depth knowledge of complex spinal disorders and their surgical management. My relevant educational and professional background is contained in my attached curriculum vita which is herein incorporated in its entirety by reference. I have performed surgical procedures similar to those performed at the Marshfield Clinic by Jay J. Schindler, M.D., the Plaintiff in this action.

3. That I intend to offer an expert opinion related to the four (4) patient care cases involving Dr. Schindler who were the focus of a peer review matter conducted at the Marshfield Clinic during late 2003 and early 2004. These cases and their review by a Peer Review committee and later the Executive Committee of the Marshfield Clinic were the proximate cause of Dr. Schindler's subsequent termination from his employment there. In my review of the cases at issue in the peer review matter, I felt that Dr. Schindler's management of the patients was never outside the relevant standard of care applicable to a similarly trained neurosurgeon. While complications occurred in these cases, it is my opinion that these represented only recognized complications and that in no case did Dr. Schindler ever breach the applicable standard of care at least as applied to the performance of complex spine surgery. I furthermore felt that the termination of Dr. Schindler's employment at the Marshfield Clinic was not warranted based on his management of these four cases which I reviewed in depth. Rather, it appears that other professional and/or political issues may have contributed to said termination.

4. That in regard to the specific data and other information which I have considered in forming the opinions I express herein as an expert, I have reviewed the relevant medical records of the patient cases at issue in the peer review matter at the Marshfield Clinic. Additionally, I have reviewed the following:

- A. Overview of background material prepared by Dr. Schindler
- B. Patient Summaries
- C. July 28, 2003 Dr. Schuster
- D. Surgical log
- E. March 1, 2004 Ziya Gokaslan MD
- F. February 27, 2004 Paul Dernbach MD
- G. March 1, 2004 George Bovis MD
- H. January 7, 2004 Mark Dekutoski MD
- I. January 29, 2004 Efrain Cancel MD
- J. January 30, 2004 Ade Dillon MD

- K. February 20, 2004 Patrick Sullivan MD
- L. October 16, 2003 Patrick Sullivan MD
- M. January 7, 2004 Patrick Sullivan MD
- N. February 25, 2004 Michael Collins MD
- O. February 25, 2004 Torrey Cobb PA-C
- P. Liss' December 18, 2003
- Q. Liss' February 18, 2004
- R. Liss' February 18, 2004 – "Exhibit A"
- S. Patient Affidavits:
 - i. August 19, 2006 PB
 - ii. July 26, 2006 SR
 - iii. July 28, 2006 PN
 - iv. July 27, 2006 JC
 - v. July 26, 2006 JK
 - vi. August 11, 2006 TL
 - vii. August 14, 2006 DB
 - viii. August 11, 2006 MR
 - ix. August 14, 2006 GO
 - x. August 11, 2006 DW
 - xi. July 15, 2006 JD
 - xii. November 6, 2006 TM
- T. May 20, 2004 TS
- U. 2006 TS
- V. November 2, 2006 Michael Ebersold MD affidavit
- W. November 6, 2006 Kerry White MD affidavit
- X. August 1, 2006 L.R. Huntoon MD expert report
- Y. August 1, 2006 Vickie Stewart certification
- Z. July 20, 2006 Lynette McDonald affidavit
- AA. July 20, 2006 Jane Phalan affidavit
- BB. July 21, 2006 Fred Landes MD affidavit
- CC. July 21, 2006 Bonnie Craig MD affidavit
- DD. Medical Records

5. That as to exhibits that I intend to utilize as a summary or in support of the opinions that I express as an expert witness, I would rely upon the medical records to which I refer above and which I have already reviewed in depth. I do reserve the right to refer to any exhibit utilized by any other expert at the trial of this matter.

6. That as to my qualifications to testify as an expert in this action, I have attached hereto a copy of my curriculum vita which, again, is incorporated herein by

reference in its entirety. This lists my publications and presentations within the preceding ten (10) years and I believe attests to my qualifications to speak to the issues relevant to this lawsuit.

7. That as to the compensation which I am to be paid for the study of the case materials and the testimony that I intend to provide, it should be noted that I have already been paid Two Thousand and 00/100 (\$2,000.00) Dollars as an initial retainer to review the records. My routine hourly fee for medical records review is Fifteen Hundred and 00/100 (\$1,500.00) Dollars per hour. In regard to trial or deposition testimony, I charge a per diem rate of Five Thousand and 00/100 (\$5,000.00) Dollars. I intend to charge commensurate with my usual and customary rate.

8. That as to additional cases wherein I have testified as an expert witness at trial or by deposition within the preceding four (4) years, I have attached a listing of these which includes all of the relevant information I know pertaining to these cases. I do not have the relevant party names and/or docket case numbers in all cases for these matters but certainly can discuss any of them (as to the best of my recollection) if necessary at deposition or at trial.

9. That I am available if necessary for clarification or to answer any questions regarding my expert opinions to be expressed within the parameters as outlined in Rule 26(a)(2)(B) of the Federal Rules of Civil Procedure.

/s Regis W. Haid, M.D.

REGIS W. HAID, JR., M.D.

CURRICULUM VITAE

Regis W. Haid, Jr., M.D.

Revised: Nov-06

Office address: 2001 Peachtree Road, NE, Suite 645
Atlanta, Georgia 30309
Telephone: 404-350-0106
Fax: 404-350-0176
E-mail address: rhaid@atlantabrainandspine.com

Birth Date and Place: August 18, 1956
Charleston, West Virginia

Citizenship: United States

Current Titles and Affiliations: Atlanta Brain and Spine Care
Atlanta, Georgia

Previous Academic and Professional Appointments:

1988-1989	Clinical Instructor, Attending Staff Department of Neurological Surgery University of Florida College of Medicine Gainesville, Florida
1988-1989	Attending Staff Veteran's Administration Medical Center Gainesville, Florida
1988-1989	Medical Director Acute Spinal Cord Injury Center, District III Shands Hospital at the University of Florida
1989-1993	Clinical Assistant Professor Department of Neurosurgery University of Florida Gainesville, Florida
1989-1993	Staff Neurosurgeon Wilford Hall Medical Center San Antonio, Texas
1993-2001	Associate Professor Department of Neurosurgery Emory University

2001-2003 Professor of Neurological Surgery
 Department of Neurosurgery
 The Emory Clinic
 Emory University
 Atlanta, Georgia

Licensure/Boards:

2000 Board Certified: The American Board
 of Neurological Surgery, ABNS, # 20062
Aug. 5, 1993 Georgia #37229
Oct. 10, 1988 Florida #54414
April 24, 1984 Pennsylvania #MD-030961-E
Nov. 14, 1983 West Virginia #13712

Education:

Undergraduate:

1974-1978 University of Notre Dame
 Notre Dame, Indiana
 Bachelor of Science, Cum Laude

Graduate:

1978-1982 West Virginia University
 School of Medicine
 Morgantown, West Virginia
 M.D.

Postgraduate:

1982-1983 Surgery Intern
 Department of Surgery
 West Virginia University Medical Center
 Morgantown, West Virginia

1983-1988 Resident
 Department of Neurosurgery
 West Virginia University Medical Center
 Morgantown, West Virginia

Nov. 1986 Neurosurgical Trauma Rotation
 Allegheny General Hospital
 Pittsburgh, Pennsylvania
 Coordinator: Joseph C. Maroon, M.D.
 President, Congress of Neurological Surgeons

1987-1988	Chief Resident Department of Neurosurgery West Virginia University Medical Center Morgantown, West Virginia
1988-1989	Fellow in Spinal Disorders Department of Neurological Surgery University of Florida College of Medicine Gainesville, Florida

Military or Government Service:

United States Air Force, Medical Corps	
October 5, 1978	Commissioned
July 3, 1989	Active Duty
July 2, 1993	Honorable Discharge

Committee Memberships:

National and International:

1989-1990	Registration Committee, Congress of Neurological Surgeons
1989-1993	Sergeant-at-Arms Committee, Congress of Neurological Surgeons
1991-1993	Resident Program, Congress of Neurological Surgeons
1991	By-Laws Committee, Congress of Neurological Surgeons
1991	Chairman, Residents' Registration Committee Congress of Neurological Surgeons
1991-1992	Annual Meeting Committee, Orlando, Florida Congress of Neurological Surgeons
1991-1994	Placement Committee, Congress of Neurological Surgeons
1992	Chairman, Special Course Committee Congress of Neurological Surgeons
1992	Annual Meeting Committee, Washington Congress of Neurological Surgeons
1992-1993	Credentials Committee, Joint Section of Spine and Peripheral Nerves, AANS/CNS

1993-1996	Awards Committee, Joint Section of Disorders of the Spine and Peripheral Nerves, AANS/CNS Chairman, 1996
1993	Spine Task Force - AANS/CNS
1993-2002	Scientific Program Committee, Joint Section of the Spine and Peripheral Nerves, AANS/CNS Annual Meeting
1993	CPT Spinal Task Force, Joint Section of Spine and Peripheral Nerves
1994	Special Courses Planning Committee, CNS Annual Meeting
1995-1997	THINK FIRST Foundation, Board of Directors
1995-1996	Committee on Trauma, American College of Surgeons, Guidelines for Spine Clearance in Trauma
1995-1996	Committee on Pedicle Screw Fixation, American Medical Association, Department of Technology Assessment
1996-2002	Executive Committee, Joint Section on Disorders of the Spine and Peripheral Nerves, AANS/CNS
1997	Chairman, Sergeant-at-Arms Committee, Congress of Neurological Surgeons, New Orleans, LA
1998	CNS Education Committee
1998	AANS/CNS Joint Spine Nominating Committee
1998-2000	Strategic Planning Committee, Joint Section on Disorders of Spine and Peripheral Nerves, AANS/CNS
1998-2002	Exhibits Chairman, Joint Section on Disorders of the Spine and Peripheral Nerves, AANS/CNS
2000	Education Committee, Joint Section on Disorders of the Spine and Peripheral Nerves, AANS/CNS
2000-2003	Board of Directors, FIENS
2001	NASS: North American Spine Society, Scientific Program Committee
2001-2003	Program Committee, 8 th International Meeting on Advanced Spine Techniques (IMAST), The Scoliosis Research Society
2002	President Elect: AANS/CNS Joint Section of the Spine & Peripheral Nerves
2003-2004	Chairman, AANS/CNS Joint Section of Spine & Peripheral Nerves

2003-2004	AANS Ex-Officio Board Liaison to the Joint Section on Disorders of the Spine and Peripheral Nerves, AANS/CNS
2003-2005	Membership Committee, Cervical Spine Research Society (CSRS)
2004	Advisory Board, Southern Medical Device Association (SEMDA)

Institutional

1979	Co-Chairman, Freshman Orientation Committee West Virginia University School of Medicine
1981	Chairman, Clinical Orientation Committee West Virginia University School of Medicine
1980-1982	Hospital Liaison Committee West Virginia University School of Medicine
1981-1982	Admissions Committee West Virginia University School of Medicine
1993-2002	Physical Medicine Coordinating Committee Crawford Long Hospital of Emory University
1998	Emory Clinic Credentials Committee
1998	Emory Clinic Physician Compensation Committee
1997	Emory Clinic Human Resources Committee
2003-2005	Spine Task Force, Piedmont Hospital

Editorships and Editorial Boards:

1989-1990	Editorial Board, <i>Clinical Neurosurgery</i> , Congress of Neurological Surgeons
1995-2000	Editorial Board, <i>Neuro-Orthopaedic</i>
1995-2003	Ad Hoc Review Board, <i>Neurosurgery</i>
1997-1998	Ad Hoc Review Board, <i>Surgical Neurology</i>
1997-2006	International Advisory Board, <i>Spinal Surgery</i> , Hokkaido University, Sapporo, Japan
1999-2004	Editorial Board, <i>Journal of Spinal Disorders</i> , Lippincott-Raven Publishers
2000-2003	Ad Hoc Review Board, <i>Spine</i>
2001	Topic Editor, <i>Neurosurgical Focus. Journal of Neurosurgery</i>
2001-2002	Ad Hoc Review Board, <i>Neurosurgical Focus</i>
2001-2003	8 th <i>IMAST</i> Advisory Board, Scoliosis Research Society
2001-2003	Ad Hoc Review Board, <i>The Neurologist</i>

2002-2005	Associate Board, <i>The Spine Journal</i> , NASS
2002-2003	Editorial Board, <i>Neurosurgery</i>
2002-2003	Editorial Board, <i>SANS</i> . AANS/CNS Joint Section of Spine and Peripheral Nerves
2003	Ad Hoc Review Board, <i>Surgical Neurology</i>
2003-2005	Editorial Board, <i>Journal of Neurosurgery</i>
2003-2005	Editorial Board, <i>Journal of Neurosurgery: Spine</i>
2003-2005	Editorial Board, <i>Journal of Neurosurgery: Pediatrics</i>

Honors and Awards:

January 1986	Crutchfield, Gage and Thompson Award Neurosurgical Society of the Virginias Tissue Plasminogen Activator for Intracerebral Hematoma Hot Springs, Virginia
May 9, 1987	Resident's Research Day, First Place Fifth Annual West Virginia University Unilateral Jumped Facet Dislocation Changing Concepts in Management Morgantown, West Virginia
August 10, 1987	Resident's Research Award, First Place Spine Trauma - Diagnosis and Treatment West Virginia Neurosurgical Society West Virginia State Medical Association White Sulphur Springs, West Virginia
March 30, 1988	Resident's Research Award, Second Place Cervical Spine Dislocations Southern Neurosurgical Society Hot Springs, Virginia

May 7, 1988	Resident's Research Award, First Place Cervical Spine Injuries American College of Surgeons West Virginia Chapter White Sulphur Springs, West Virginia
1994-1995	Best Doctor's in America, Naifeh and Smith, eds. Woodward/White, Aiken, South Carolina
1996-1997	Best Doctor's in America, Southeast Region. Naifeh and Smith, eds. Woodward/White, Aiken, South Carolina
1998-2004	Best Doctor's in America, Naifeh and Smith, eds. Woodward/White, Aiken, South Carolina
2001	National Registry of Who's Who
2001	National Registry of Who's Who in Executives and Professionals
2002-2003	Top Surgeons, Consumer's Research of America
2004	The Richard C. Schneider Lecturer, American Association of Neurological Surgeons, Orlando, Florida, May 3, 2004
2006	Hall of Fame Inductee, Christian Brothers High School, Memphis, Tennessee, January 29, 2006
2006	CCNS Penfield Lecturer, Canadian Congress of Neurological Sciences, Spinal Arthroplasty, Plenary I Session. Scientific and Technical Advances in the Clinical Neurosciences, Montreal, Quebec, Canada, June 15, 2006

Society Memberships:

Alpha Omega Alpha
American Association of Neurological Surgeons (AANS) - Member
Association of Standards for Testing Materials: Committee of Spinal Implants
Cervical Spine Research Society (CSRS)
Congress of Neurological Surgeons (CNS)
Georgia Neurosurgical Society (GNS)
International Meeting on Advanced Spine Techniques (IMAST)
Joint Section on Disorders of the Spine and Peripheral Nerves - AANS/CNS
Joint Section of Neurotrauma and Intensive Care - AANS/CNS
Joint Section for Stereotactic and Functional Neurosurgery - AANS/CNS
Joint Section of Tumors - AANS/CNS
Medical Association of Atlanta (MAA)
Medical Association of Georgia (MAG)
Monongalia Neurologic Society
Neurosurgical Society of America (NSA)
Neurosurgical Society of the Virginias
New York Academy of Sciences
North American Spine Society (NASS)
Society of Air Force Clinical Surgeons
Society for Neurosciences, Northern West Virginia
The American Society for Stereotactic and Functional Neurosurgery
The World Society of Stereotactic and Functional Neurosurgery
West Virginia Neurosurgical Society
West Virginia State Medical Society

World Federation Neurological Surgery

Patents / Technology Development:

Codman/Johnson & Johnson P.I. Anterior Cervical Plating System. FDA cleared. Internationally distributed. Co-developers: Regis Haid, Volker Sonntag, Stephen Papadopoulos. Patented

Sofamor-Danek: Novus Cervical Spine Interbody Cage. IRB pending. FDA submitted, Co-Developers: Regis Haid, Kevin Foley, Steven Heim, Stephen Papadopoulos. Patented

Sofamor-Danek: Anterior Cervical Fixation System: Atlantis. F.D.A. Cleared. Co-Developers: Regis Haid, Volker Sonntag, Stephen Papadopoulos. Patented

Sofamor-Danek: PLIF II Instrumentation. Co-Developers: Regis Haid, Gerald Rodts, Christopher Comey. Patented

DePuy Acromed: SLIM-LOC Anterior Cervical Plating System. Co-Developers: Regis Haid, Volker Sonntag, Stephen Papadopoulos. Patented.

Medtronic: Atlantis-Vision Anterior Cervical Plating System. Co-Developers: Regis Haid, Volker Sonntag, Stephen Papadopoulos.

Medtronic Sofamor Danek: Intervertebral Spacers. Co-Developers: Regis Haid, Kevin Foley, Steven Heim.

AME, Inc. Design of cervical spine lateral mass instrumentation. FDA cleared. Internationally distributed. Haid Universal Bone Plate.

Sofamor-Danek: Anterior CSR Instrumentation. Co-Developers: Regis Haid, Stephen Papadopoulos, Curtis Dickman, Kevin Foley

Sofamor-Danek: Cornerstone Instrumentation. Co-Developers: Regis Haid, Stephen Papadopoulos, Kevin Foley

Medtronic Sofamor-Danek: Trimline Instrumentation. Co-Developers: Regis Haid, Stephen Papadopoulos, Kevin Foley

Medtronic Sofamor-Danek: Artificial Cervical Disc – Prestige ST; Prestige LP. Co-Developers: Regis Haid, Vincent Traynelis, Tom Zdeblick

Medtronic Sofamor-Danek: Mystique Absorbable Anterior Cervical Plate. Developer: Regis Haid, Alex Vaccaro

Grant Support:

Anterior spinal instrumentation, \$10,000, Osteotech, Inc., New Jersey, June, 1988

Titanium toxicity in an animal model. \$25,000, Danek Group, Inc., Memphis, Tennessee, July 6, 1993

Elekta, Spinal Stereotactic Investigation. \$10,000

Sofamor-Danek Medtronic. Spinal Fellowship, \$120,000, 1999

Sofamor-Danek Medtronic. Spinal Fellowship, \$120,000, 2000.

Sofamor-Danek Medtronic. Spinal Fellowship, \$120,000, 2001.

OrthoFix. Properties of Pulsed Electro-Magnetic Stimulation, \$100,000 (2000, 2003)

Medtronic. Spinal Fellowship, \$175,000, 2002.

Organization of National or International Conferences:

1. University of Florida Contemporary Neurosurgery Course with an Emphasis on Microsurgery. Section: Spinal Instrumentation and Stabilization. 1988-89.
2. Co-Director: Modern Dissection of Bone, Biometals and Bioplastics. Midas Rex Institute, Ponte Vedra Beach, FL, 1989.
3. Co-Director: Thoracolumbar Instrumentation. Pre-meeting Course, AANS, Boston, MA, April 24-25, 1993.
4. Assistant Director: Hands-On Cervical Spine Techniques. AANS, Kansas City, KS, May 13-15, 1993.
5. Assistant Director: Hands-On Cervical Spine Techniques. AANS, Toronto, Canada, June 4-6, 1993.
6. Co-Director: Thoracolumbar Instrumentation. Pre-meeting Course, AANS, San Diego, CA, April 10, 1994.
7. Co-Chairman: Surgery of the Cervical Spine - Hands-On. AANS Annual Meeting, New Orleans, LA, May 13-14, 1994.
8. Co-Director: Cervical Spine Stabilization Course. AANS, New Orleans, LA, May 13-14, 1994.
9. Co-Director: Practical Course: Posterior Thoracolumbar Instrumentation. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves Annual Meeting, Phoenix, AZ, February 14-18, 1995.
10. Co-Director: Thoracolumbar Stabilization. AANS Annual Meeting Practical Course, Orlando, FL, April, 1995.
11. Co-Director: Practical Course: Thoracolumbar Stabilization. AANS Annual Meeting, Orlando, FL, April 22-27, 1995.
12. Director: Thoracolumbar Stabilization. AANS/CNS Joint Section, Lake Buena Vista, FL, March 2, 1996.

13. Co-Director: Thoracolumbar Stabilization. AANS Annual Meeting Practical Course, Minneapolis, MN, April 1996.
14. Co-Director: Cervical Spine Stabilization. AANS Professional Development Program, Memphis, TN, June 21-23, 1996.
15. Co-Director: Lumbosacral Stabilization. CNS Annual Meeting Practical Course, Montreal, Canada, September 1996.
16. Co-Director: Pedicle Screw and Hook-Rod Stabilization. AANS/CNS Joint Section on Disorder of the Spine & Peripheral Nerve, Newport Beach, CA, February 19-22, 1997.
17. Director: Thoracic and Lumbar Stabilization Techniques. AANS Annual Meeting, Denver, CO, April 12-16, 1997.
18. Director: Lumbosacral Instrumentation and Fusion: Screws, Dowels and Cages. CNS Annual Meeting, New Orleans, LA, September 27 - October 2, 1997.
19. Co-Director: Cervical Spine Instrumentation. Congress of the Peruvian Neurosurgical Society and the Spine Committee of the World Federation of Neurosurgical Societies, Lima, Peru, November 1-2, 1997.
20. Director: Interbody Spinal Fusion: Advances in Theory and Implants. Spinal Science Advancement Foundation, Philadelphia, PA, April, 1998.
21. Director: Thoracolumbar Stabilization Techniques. Pre-meeting Course, AANS Annual Meeting, Philadelphia, PA, April 25-30, 1998.
22. Co-Chairman: Spinal Science Advancement Foundation, Global Spine: Surgical Principles and the Latest Techniques, Kamuela, HI, June 5-7, 1998.
23. Co-Director: Lumbosacral Instrumentation and Fusion: Cages, Dowels, and Screws, Practical Course #039, Congress of Neurological Surgeons Annual Meeting, Seattle, WA, October 3-9, 1998.
24. Co-Director: Pre-Meeting Cervical Spine Workshops. 18th Latin American Congress of Neurosurgery, Santiago, Chile, October 10-11, 1998.
25. Course Director: Interbody Spinal Fusion of the Lumbar and Cervical Spine. Pre-meeting Course, AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, Orlando, FL, February 9-13, 1999.
26. Moderator: Cervical Spondylosis and Decision Making. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, Orlando, FL, February 9-13, 1999.
27. Lumbosacral Instrumentation: Complication Management & Avoidance. BNI: (1) Pedicle Screws: Techniques & Biomechanics. (2) PLIF: Patient Selection, Management, Outcomes, Phoenix, AZ, March 26-27, 1999.
28. Co-Director: Microendoscopic Discectomy. AANS, New Orleans, LA, April 25, 1999.
29. Co-Director: Thoracolumbar Stabilization. AANS, New Orleans, LA, April 25, 1999.
30. Course Director: Discectomy Techniques and Minimally Invasive. Global Spine, Maui, HI, June 18-20, 1999.
31. Chairman: Surgical Principles and the Latest Techniques. Global Spine, Kapalua, Maui, HI, June 18-20, 1999.

32. Co-Director: Lumbosacral Fusion: Cages, Dowels and Screws. CNS, Boston, MA, October 30, 1999.
33. Co-Director: Lumbar Interbody Fusion Techniques: Indications and Outcomes. Pre-Meeting Course, AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, Palm Springs, CA, February 23, 2000.
34. Co-Director: Thoracic and Lumbar Stabilization. Pre-Meeting Course, AANS, San Francisco, CA, April 9, 2000.
35. Co-Director: World Federation of Neurosurgical Societies Spine Seminar. St. Petersburg, Russia, May 20-21, 2000.
36. Co-Director: Global Spine. Surgical Principles of Deformity Correction. Maui, HI, June 16-18, 2000.
37. Co-Director: Lumbosacral fusion: cages, dowels and pedicle screws. Practical Course, CNS Annual Meeting, San Antonio, TX, September 23-28, 2000.
38. Co-Director: New Technologies in Spinal Treatment. Pre-Meeting Course, AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, February 14, 2001.
39. Course Director: New Concepts and Technologies: The Impact on Your Practice. Phoenix, AZ, February 14, 2001.
40. Co-Director: Thoracic and Lumbar Fixation. Pre-Meeting Course, AANS, Toronto, Canada, April 22, 2001.
41. Co-Director: Thoracic and Lumbar Stabilization and Fusion. Pre-Meeting Course, AANS, Toronto, Canada, April 22, 2001.
42. Co-Chairman: CSSG: Cervical Spine Study Group. 1st Annual Residents and Fellows Course, Phoenix, AZ, May 4-6, 2001.
43. Co-Director: Global Spine: Indications and Outcomes of Fixation. Maui, HI, June 16-18, 2001.
44. Co-Director: Lumbosacral Fusion: Cages, Dowels & Screws. CNS, San Diego, CA, September 29, 2001.
45. GICD, Spinal Deformity Course, Surgical Management of Spinal Disorders, 11th Annual Course, Beaver Creek, CO, January 19-22, 2002.
46. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Orlando, FL, February 25-March 2, 2002.
47. American Association of Neurological Surgeons (AANS), Chicago, IL, April 6-11, 2002.
48. Co-Director: Thoracic & Lumbar Stabilization. AANS, Chicago, IL, April 7, 2002.
49. Neurosurgical Society of America (NSA) 55th Annual Meeting, Kiawah Island, SC, April 21-24, 2002.
50. Co-Chairman: 2nd Annual Cervical Spine Study Group (CSSG). Resident Instructional Course, San Antonio, TX, May 4-6, 2002.
51. Co-Director: International Meeting of Advanced Spine Techniques (IMAST) 9th Annual Meeting, Montreux, Switzerland, May 23-25, 2002.

52. Co-Director: Global Spine, Advances in Total Cervical Disc Replacements, Maui, Hawaii, July 12-14, 2002.
53. Co-Director: AANS Pedicle (Thoracic) Screw Course, Innovations in Spinal Fixation: An Advanced Course, Memphis, TN, July 27-28, 2002.
54. Co-Director: Lumbosacral Fusion: Cages, Dowels and Pedicle Screws, Congress of Neurological Surgeons (CNS), Philadelphia, PA, September 21-25, 2002.
55. Western Neurosurgical Society Spinal Symposium, Victoria, B.C., Canada, October 13-14, 2002.
56. Co-Director: Global Spine, Surgical Principles and the Latest Techniques, San Diego, CA, October 18-20, 2002.
57. Co-Director: C-Spine Course, Cervical Think Tank, Sedona, AZ, October 22-27, 2002.
58. Course Instructor: AANS Oral Board Review, Houston, TX, November 10, 2002.
59. Visiting Surgeon, Atlantic Neuroscience Institute / Neurological Institute of New Jersey's 2002 Symposium: Management of the Spine-Current Concepts and Future Trends, Basking Ridge, NJ, November 15, 2002.
60. Cervical Spine Research Society (CSRS), Miami Beach, FL, December 5-8, 2002.
61. Surgical Management of Spinal Disorders, Beaver Creek, CO, January 18-21, 2003.
62. International Meeting on Advanced Spine Techniques (IMAST) Meeting at AAOS, New Orleans, LA, February 6, 2003.
63. AANS/CNS Joint Section of the Spine, Tampa, FL, March 5-8, 2003.
64. Co-Director: AANS/CNS Joint Section of the Spine. Pre-meeting Course, Tampa, FL, March 5, 2003.
65. American Association of Neurological Surgeons, San Diego, CA, April 26-May 1, 2003.
66. Director: AANS Pre-Meeting Course: Modern Techniques and Future Trends in Lumbar Interbody Fusion, San Diego, CA, April 26, 2003.
67. Co-Director: AANS Pre-Meeting Course: Thoracic & Lumbar Stabilization and Fusion: Indications and Complications, San Diego, CA, April 27, 2003.
68. Co-Chairman: Cervical Spine Study Group (CSSG) 3rd Annual Meeting, Colorado Springs, CO, May 15-17, 2003.
69. Co-Director: Resident Instructional Course, Cervical Spine Study Group (CSSG) 3rd Annual Meeting, Colorado Springs, CO, May 15-17, 2003.
70. Neurosurgical Society of America (NSA) 56th Annual Meeting, Bend, OR, June 8-11, 2003.
71. Visiting Surgeon, Denver, CO, June 19-20, 2003.
72. Program Committee: International Meeting on Advanced Spine Techniques (IMAST) 10th Annual Meeting, Rome, Italy, July 10-12, 2003.
73. Chair: Complex Cervical Reconstruction Challenges. International Meeting on Advanced Spine Techniques (IMAST) 10th Annual Meeting, Rome, Italy, July 10, 2003.

74. Chair: Cervical Challenges. International Meeting on Advanced Spine Techniques (IMAST) 10th Annual Meeting, Rome, Italy, July 12, 2003.
75. Course Director: TLIF, Memphis, TN, September 1-3, 2003.
76. Cervical Spine Study Group (CSSG), Chicago, IL, September 8, 2003.
77. Scoliosis Research Society (SRS), Quebec City, Canada, September 11-12, 2003.
78. Director: Cervical Spine Think Tank, Lake Placid, NY, September 16-18, 2003.
79. Congress of Neurological Surgeons, Denver, CO, October 18-23, 2003.
80. Director: PC23: Mastering Spinal Disorders: Dealing with Complexities. Congress of Neurological Surgeons (CNS), Denver, CO, October 19, 2003.
81. American Academy of Neurological Surgery, 65th Annual Meeting, Williamsburg, VA, October 30-November 1, 2003.
82. Cervical Spine Course, Platte, SD, November 6-8, 2003.
83. Cervical Spine Research Society (CSRS), Scottsdale, AZ, December 11-13, 2003.
84. International Meeting on Advanced Spine Techniques (IMAST) 12th Annual Meeting, Banff, Alberta, Canada, July 5-10, 2005.
85. Innovative Techniques in Spine Surgery Symposium, 2nd Annual Meeting, Los Cabos, Mexico, July 20-24, 2005.
86. Surgical Management of Spinal Disorders: Complex Spine Surgery from Cervical to Sacrum, Beaver Creek, CO, January 14-17, 2006.
87. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, 22nd Annual Meeting, Lake Buena Vista, FL, March 15-18, 2006.
88. American Association of Neurological Surgeons (AANS) 74th Annual Meeting, San Francisco, CA, April 22-27, 2006.
89. Co-Director: 001 Thoracic and Lumbar Stabilization and Fusion: Indications and Complications, American Association of Neurological Surgeons (AANS) 74th Annual Meeting, San Francisco, CA, April 22, 2006.
90. Co-Director: 011, Thoracic and Lumbar Stabilization and Fusion: Indications and Complications, American Association of Neurological Surgeons (AANS) 74th Annual Meeting, San Francisco, CA, April 22, 2006.
91. Co-Director: 022, Cervical Spine Instability: Instrumentation and Other Methods of Management, American Association of Neurological Surgeons (AANS) 74th Annual Meeting, San Francisco, CA, April 23, 2006.
92. Moderator: 314, Cutting Edge Strategies for Spine Stabilization, American Association of Neurological Surgeons (AANS) 74th Annual Meeting, San Francisco, CA, April 26, 2006.
93. Georgia Neurosurgical Society (GNS) Annual Spring Meeting, Sea Island, GA, May 26-28, 2006.

94. Co-Chair: Scientific Session I, Neurosurgical Society of America (NSA) Annual Meeting, Ojai, CA, June 5-7, 2006.
95. Canadian Neurosurgical Society (CNSS) Penfield Lecturer: Spinal Arthroplasty during Plenary I Session: Scientific and Technical Advances in the Clinical Neurosciences, Canadian Congress of Neurological Sciences 41st Annual Scientific Meeting, Montreal, Canada, June 15, 2006.
96. Cleveland Spine Review Hands-On, Cleveland, OH, July 20-24, 2006.
97. Congress of Neurological Surgeons (CNS) 56th Annual Meeting, Chicago, IL, October 7-12, 2006.
98. Cervical Spine Research Society (CSRS) 11th Instructional Course, Palm Beach, FL, November 29, 2006.
99. Cervical Spine Research Society (CSRS) 34th Annual Meeting, Palm Beach, FL, November 30 – December 2, 2006.
100. American Association of Neurological Surgeons, 75th Annual Meeting, Washington, D.C., April 14-19, 2007.
101. Co-Director: 003 Cervical Spine Instability: Instrumentation and Other Methods of Management, American Association of Neurological Surgeons, 75th Annual Meeting, Washington, D.C., April 14, 2007.
102. Co-Director: 021 Thoracic and Lumbar Stabilization and Fusion: Indications and Complications, American Association of Neurological Surgeons, 75th Annual Meeting, Washington, D.C., April 15, 2007.
103. Co-Director: 031 Thoracic and Lumbar Stabilization and Fusion: Indications and Complications, American Association of Neurological Surgeons, 75th Annual Meeting, Washington, D.C., April 15, 2007.

Lectureships, Seminar Invitations, and Visiting Professorships:

Presentations

1. Haid RW Jr: Wernicke-Korsakoff Encephalopathy Following Gastric Plication. Van Liere Student Research Convocation, West Virginia University, April 1982.
2. Haid RW Jr: Wernicke-Korsakoff Encephalopathy Following Gastric Plication. Regional Meeting, American College of Physicians, Morgantown, WV, June 1982.
3. Tishelman AC, Haid RW Jr, Frazen M: Neuropsychological Assessment Before and After Neurosurgery. Annual Meeting of the National Academy of Neuropsychologists, Philadelphia, PA, October 1985.
4. Haid RW Jr, Kaufmann HH: Effectiveness and Safety of Tissue Plasminogen Activator for Clot Lysis. Society for Neuroscience, Northern West Virginia Chapter, Morgantown, WV, December 1985.
5. Haid RW Jr, Kaufmann HH: Effectiveness and Safety of Tissue Plasminogen Activator for Clot Lysis. Crutchfield, Gage and Thompson Award. The Neurosurgical Society for the Virginias, Hot Springs, VA, January 1986.
6. Kaufmann HH, Makela ME, Lee KF, Haid RW Jr, Gildenberg PL: Gunshot Wounds to the Head – When to Treat? Southern Neurosurgical Society, Boca Raton, FL, February 1986.

7. Haid RW Jr, Kaufman HH: Effectiveness and Safety of Tissue Plasminogen Activator for Clot Lysis. West Virginia University Surgical Residents' Research Competition, Morgantown, WV, May 1988.
8. Haid RW Jr: Cervical Spine Injuries, Emergency Medicine-Trauma Grand Rounds, West Virginia University Hospitals Morgantown, WV, September 1986.
9. Haid RW Jr, Kopitnik TA, Nugent GR: Current Concepts of Treatment of Unilateral Cervical Jumped Facets. The Neurosurgical Society of the Virginias, Hot Springs, VA, January 26, 1987.
10. Kopitnik TA, Kaufman HH, Haid RW Jr, Nugent GR, Marano GD: Stereotaxis Biopsy of Two Intracranial Lesions Using a Single Trajectory and the Todd-Wells Frame with Spherical Coordinates. The Neurosurgical Society of the Virginias, Hot Springs, VA, January 26, 1987.
11. Kopitnik TA, Haid RW Jr, Kaufman HH, Marano GD: Techniques of Stereotactic Biopsy of Two Intracranial Lesions Using a Single Trajectory and Spherical Coordinates. American Society for Stereotactic and Functional Neurosurgery, Montreal, Canada, May 3-6, 1987.
12. Haid RW Jr, Kopitnik TA, Nugent GR: Unilateral Cervical Facet Dislocation – Changing Concepts in Management. Annual Residents Program, West Virginia University, May 9, 1987.
13. Kopitnik TA, Haid RW Jr, Kaufman HH: Technique of Stereotactic Biopsy of Two Intracranial Lesions Using a Single Trajectory and Spherical Coordinates. Annual Resident Research Program., West Virginia University, May 9, 1987.
14. Haid RW Jr, Kopitnik TA, Nugent GR: Unilateral Cervical Facet Dislocation – Changing Concepts in Management, West Virginia Neurosurgery Society, West Virginia State Medical Association, White Sulphur Springs, West Virginia, August 10, 1987.
15. Kopitnik TA, Haid RW Jr, Kaufman HH: Techniques of Stereotactic Biopsy of Two Intracranial Lesions Using a Single Trajectory and Spherical Coordinates, West Virginia Neurosurgical Society, West Virginia State Medical Association, White Sulphur Springs, West Virginia, August 10, 1987.
16. Gold MA, Haid RW Jr, Weiss K, Kaufman HH, et al: Intracranial Hypertension Secondary to Bilateral Radical Neck Dissection, Neurosurgical Society of the Virginia, White Sulphur Springs, West Virginia, January 18-30, 1988.
17. Haid RW Jr, Kopitnik TA, Nugent GR: Cervical Facet Dislocation. Joint Section On Disorders of the Spine and Peripheral Nerves, AANS and CNS, Phoenix, AZ, February 16-20, 1988.
18. Haid RW Jr, Kopitnik, Nugent GR: Cervical Facet Fracture Dislocation, Plenary Session American Association of Neurological Surgeons, Toronto, Ontario, Canada, April 24-28, 1988.
19. Haid RW Jr, Kopitnik TA, Nugent GR: Cervical Spine Dislocations, Southern Neurosurgical Society, Second Place Residency Award, Hot Springs, VA, March 29 – April 2, 1988.
20. Haid RW Jr: Cervical Spine Trauma, American College of Surgeons, Resident's Award, White Sulphur Springs, WV, May 4-7. 1988.
21. Kopitnik TA, Haid RW Jr, Kaufman HH, Nugent GR: Technique of Stereotactic Biopsy of Two Intracranial Lesions Using a Single Trajectory and Spherical Coordinates, American College of Surgeons, White Sulphur Springs, WV, May 4-7, 1988.
22. Gold MA, Haid RW Jr, Weiss K, Kaufman HH: Intracranial Hypertension Secondary to Bilateral Radical Neck Dissection, Second Anglo-American Neuroanesthesia Conference, Williamsburg Conference Center, Williamsburg, VA, May 20-21, 1988.

23. Haid RW Jr, Kopitnik TA, Mayer PJ, Nugent GR: The management of Unilateral Facet Dislocation. Cervical Spine Research Society, Second Common Meeting, American and European Sections, Marseilles, France, June 12-15, 1988.
24. Haid RW Jr: New Concepts in Cervical Spine Dislocation, Cervical Spine Research Society, 16th Annual Meeting, Key Biscayne, FL, November 30 – December 3, 1988.
25. Haid RW Jr, MacMillan M: Evaluation of a Rigid and Flexible C.D. Transpedicular System for Lumbar and Sacral Fusions, Joint Section on Disorders of the Spine and Peripheral Nerves, AANS and CNS, Cancun, MX, February 22-25, 1989.
26. Haid RW Jr: Bilateral Cervical Dislocations – Review and Management, Southern Neurosurgical Society, Pt. Clear, AL, May 9-11, 1989.
27. Haid RW Jr, Jacob P: Halifax clamp instrumentation for atlanto-axial instability – a New technique, Southern Neurosurgical Society, Pt. Clear, AL, March 9-11, 1989.
28. Haid RW Jr, MacMillan M: Evaluation of a rigid and flexible C.D. transpedicular System for lumbar and sacral fusions, Southern Neurosurgical Society, Pt. Clear, AL, March 9-11, 1989.
29. Haid RW Jr: Thoraco-lumbar Trauma Luncheon Seminar, Congress of Neurological Surgeons, Atlanta, GA, October 30, 1989.
30. Haid RW Jr, MacMillan M: Cotrel-Dubousset instrumentation for spinal neoplasms, American Association of Neurological Surgeons, Nashville, TN, May 1, 1990.
31. Haid RW Jr, MacMillan M: Cotrel-Dubousset instrumentation for spinal tumors, Society of Air Force Clinical Surgeons, Washington, DC, April 5, 1990.
32. Haid RW Jr: Fractures of the thoracic spine and instrumentation, General Session, Congress of Neurological Surgeons, Los Angeles, CA, October 23, 1990.
33. Haid RW Jr: Cervical spine instability and stabilization, Luncheon Seminar, Congress of Neurological Surgeons, Los Angeles, CA, October 23, 1990.
34. Haid RW Jr, Papadopoulos S, Sonntag VKH: Lateral mass plating for cervical Instability, Congress of Neurological Surgeons, Los Angeles, CA, October 22, 1990.
35. Haid RW Jr, MaManimon S, Sybert G: Anterior cervical reconstruction and fusion with allograft bone, Joint Section on Disorders of the Spine and Peripheral Nerves, AANS and CNS, Rancho Mirage, CA, February 1, 1991.
36. Haid RW Jr, Papadopoulos S, Sonntag VKH: Lateral mass plating for cervical instability, Joint Section on Disorders of the Spine and Peripheral Nerves, AANS and CNS, Rancho Mirage, CA, February 14, 1991.
37. Haid RW Jr, McManimon S, Sybert G: Anterior cervical reconstruction and fusion with allograft bone, Southern Neurosurgical Society, The Cloister, GA, March 10, 1991.
38. Haid RW Jr, Papadopoulos S, Sonntag VKH: Lateral mass plating for cervical instability, Southern Neurosurgical Society, The Cloister, GA, March 10, 1991.
39. Haid RW Jr: Symposium on Spinal Instrumentation, Southern Neurosurgical Society, The Cloister, GA, March 10, 1991.
40. Haid RW Jr: Management of thoracolumbar trauma, Breakfast Seminar, American Association of Neurological Surgeons, New Orleans, LA, April 25, 1991.

41. Haid RW Jr, Papadopoulos S, Sonntag VKH: Lateral mass plating for cervical instability, Plenary Session, American Association of Neurological Surgeons, New Orleans, LA, April 22, 1991.
42. Haid RW Jr: Traumatic cervical spine instability and treatment, Texas Association of Neurological Surgeons, Dallas, TX, May 10, 1991.
43. Haid RW Jr: Lumbar spine fusion techniques, AANS Professional Development Program: Degenerative disease of the lumbar spine, San Francisco, CA, June 8-9, 1991.
44. Haid RW Jr: Posterior cervical spine techniques, Third Annual Spine Workshop, Director: P Klara MD, Bethesda, MD, June 11-21, 1991.
45. Haid RW Jr: Anterior and posterior cervical plating techniques, Medical College of Wisconsin Hands-On Spine Instrumentation Workshop. Director: S Larson MD, Milwaukee, WI, July 9, 1991.
46. Haid RW Jr: Advances in the treatment of spinal disorders, Hilton Head Neurosurgical Symposium, August 24, 1991.
47. Haid RW Jr: Cervical spine stabilization workshop, Hilton Head Neurosurgical Symposium, Pre-meeting course, August 20, 1991.
48. Haid RW Jr: Spondylolisthesis, Hilton Head Neurosurgical Symposium, August 24, 1991.
49. Haid RW Jr: Evolution of posterior spinal instrumentation, University of Texas, San Antonio, TX, October 21, 1991.
50. Reinartaz J, Maiman D, Pintar F, Haid RW Jr: Pull-out strength of Caspar screws, Spine Section, Congress of Neurological Surgeons, Orlando, FL, October 28, 1991.
51. Haid RW Jr: Posterior cervical spine instrumentation, Luncheon Seminar, Congress of Neurological Surgeons, Orlando, FL, October 28, 1991.
52. Haid, RW Jr: Pedicle fixation. AANS Hands-On Lumbar Spine Instrumentation Course, St. Louis, MO, November 23-24, 1991.
53. Haid RW Jr.: Approaches and methods of thoracic spine surgery, Breakfast Seminar, AANS, San Francisco, CA, April 13, 1992.
54. Haid RW Jr: Alternatives in thoracolumbar trauma, Breakfast Seminar, AANS, San Francisco, CA, April 14, 1992.
55. Dickman C, Fessler R, MacMillan M, Haid RW Jr: Transpedicular fixation of the lumbar spine, Plenary Session, AANS, San Francisco, CA, April 13, 1992.
56. Dickman C, Fessler R, MacMillan M, Haid RW Jr: Transpedicular fixation of the lumbar spine, Joint Section on Disorders of the Spine and Peripheral Nerves, AANS and CNS, Miami, FL, February 9, 1992.
57. Haid RW Jr: Symposium of Spinal Instrumentation, Southern Neurosurgical Society, Washington, DC, April 4, 1992.
58. Haid RW Jr: Cervical instrumentation, Missouri Neurosurgical Society, St. Louis, MO, April 11, 1992.
59. Haid RW Jr: Lumbosacral instrumentation for degenerative disease, Grand Rounds, Indianapolis, IN, March 6, 1992.

60. Haid RW Jr: Posterior cervical plating, Contemporary Spinal Disorders, Maui, HI, March 17, 1992.
61. Haid RW Jr: Evolution of thoracolumbar instrumentation, Texas Association of Neurological Surgeons, San Antonio, TX, May 16, 1992.
62. Haid RW Jr: Indications for lumbosacral arthrodesis, Texas Association of Neurological Surgeons, San Antonio, TX, May 16, 1992.
63. Haid RW Jr: Cervical instrumentation: indications and techniques, Texas Association of Neurological Surgeons, San Antonio, TX, May 17, 1992.
64. Haid RW Jr, McBride D: Spinal stabilization for trauma and degenerative disease, Clinical Neurosurgical Symposia, UCLA, Los Angeles, CA, May 27, 1992.
65. Haid RW Jr: Techniques and complications of lumbosacral pedicle fixation, Institute of Medical Studies, New Orleans, LA, June 6, 1992.
66. Haid RW Jr: Posterior cervical instrumentation techniques, Fourth Annual Spine Workshop, Uniformed Services, University of Health Sciences. Director: P Klara, MD, Bethesda, MD, June 8, 1992.
67. Haid RW Jr: Spinal instrumentation for the neurosurgeon, Baylor University, Houston, TX, June 18, 1992.
68. Haid RW Jr: Indications for spinal stabilization, Grand Rounds: The Neurologic Institute, Columbia School of Physicians and Surgeons, New York, NY, July 30, 1992.
69. Haid RW Jr: New techniques in spinal stabilization, University of Alabama at Birmingham, Birmingham, AL, August 6, 1992.
70. Haid RW Jr: Posterior cervical instrumentation techniques, Stanford University, Palo Alto, CA, September 10, 1992.
71. Haid RW Jr: Pedicle fixation, AANS Lumbar Spine Stabilization – Hands-On, San Antonio, TX, October 18, 1992.
72. Haid RW Jr: Posterior cervical fixation techniques, AANS Surgery of the Cervical Spine – Hands-On, St. Louis, MO, October 2, 1992.
73. Haid RW Jr: Indications for spinal instrumentation, Neurosurgery Grand Rounds, Mayo Clinic, Rochester, MN, October 10, 1992.
74. Haid RW Jr: Subaxial posterior cervical spine stabilization, Pre-meeting Course, Congress of Neurological Surgeons, Washington, DC, November 1, 1992.
75. Haid RW Jr: Surgical approaches to the craniovertebral junction, Luncheon Seminar, Congress of Neurological Surgeons, Washington, DC, November 3, 1992.
76. Haid RW Jr: Posterior cervical fixation techniques, AANS Surgery of the Cervical Spine – Hands-On, USC Los Angeles, CA, November 20, 1992.
77. Coe J, McAfee P, Anderson P, Haid RW Jr: Trans-articular screw fixation for C1-2 fusion: A review of the early results and complications of the collected experience of North American spinal surgeons with the Magerl technique, Cervical Spine Research Society, Palm Springs, CA, December 4-6, 1992.

78. Haid RW Jr: Lateral mass cervical plating techniques, Spinal Symposium, Salt Lake City, UT, January 12, 1993.
79. Haid RW Jr: Indications for posterior cervical stabilization, Spinal Symposium, UCLA, Los Angeles, CA, January 19, 1993.
80. Haid RW Jr: Posterior cervical plating, Joint Section of Spinal Disorders and Peripheral Nerves, AANS and CNS, Tucson, AZ, February 17, 1993.
81. Haid RW Jr: Degenerative spondylolisthesis: natural history and treatment, Southern Neurosurgical Society, Pre-meeting course, Williamsburg, VA, April 1, 1993.
82. Haid RW Jr, Ansell LV: Transfacet screw fixation for atlanto-axial instability, Southern Neurosurgical Society, Williamsburg, VA, April 4, 1993.
83. Haid RW Jr: Overview of spinal instrumentation, AANS Pre-meeting Course, Thoracolumbar Instrumentation, Boston, MA, April 24-25, 1993.
84. Haid RW Jr: Cervical spine stabilization techniques, Breakfast Seminar, AANS, Boston, MA, April 27, 1993.
85. Haid RW Jr: Atlanto-axial fixation techniques, AANS Cervical Spine Course, Kansas City, KS, May 14, 1993.
86. Haid RW Jr: Atlanto-axial stabilization techniques, AANS Cervical Spine Course, Toronto, Canada, June 4, 1993.
87. Haid RW Jr: Posterior cervical stabilization, Fifth Annual Spine Workshop, Uniformed Services University for the Health Sciences, Bethesda, MD, June 21, 1993.
88. Arriaga M, Haid RW Jr, Masel D: Anti-dromic stimulation of the greater superficial Petrosal nerve in middle fossa surgery, American Otological Society, Los Angeles, CA, April 18, 1993.
89. Haid RW Jr: Posterior cervical stabilization: Practical techniques on spinal instrumentation – a cadaver workshop, University of Florida, August 2, 1993.
90. Haid RW Jr: Posterior cervical instrumentation, Special Course, Congress of Neurological Surgeons, Vancouver, Canada, October 3, 1993.
91. Haid RW Jr: Posterior cervical stabilization, Luncheon Seminar, Congress of Neurological Surgeons, Vancouver, Canada, October 6, 1993.
92. Haid RW Jr: What's new in spinal injury, Special Lecture: Joint Section on Neurotrauma and Critical Care, Congress of Neurological Surgeons, Vancouver, Canada, October 4, 1993.
93. Haid RW Jr: Ventral thoracolumbar instrumentation, AANS Surgery of the Thoracolumbar Spine – Hands-On, Pittsburgh, PA, October 22, 1993.
94. Arriaga M, Haid RW Jr: Transcochlear exposure of the ventral brainstem, Southern Medical Association, New Orleans, LA, October 29, 1993.
95. Haid RW Jr: Screw fixation techniques of C1-C2, Orthopaedic Grand Rounds, University of Pittsburgh, Pittsburgh, PA, October 30, 1993.
96. Haid RW Jr: Atlanto-axial transfacet screw fixation, Special Course, Joint Section on Disorders of the Spine and Peripheral Nerves, Ft. Lauderdale, FL, February 9, 1994.
97. Haid RW Jr, Dunsker S, et al: Consultant's Corner, AANS, San Diego, CA, April 10, 1994.

98. Haid RW Jr: Techniques for successful spinal fusion, Breakfast Seminar, AANS, San Diego, CA, April 11, 1994.
99. Haid RW Jr: Management of thoracolumbar fractures, Breakfast Seminar, AANS, San Diego, CA, April 13, 1994.
100. Haid RW Jr: Overview of thoracolumbar instrumentation, Pre-meeting Course, Co-Director, AANS, San Diego, CA, April 10, 1994.
101. Haid RW Jr: Lateral mass cervical spine fixation: a contemporary update on disorders of the spine, Snowbird, UT, January 10, 1994.
102. Coe JD, MacAfee P, Anderson, P, Haid RW Jr: Transarticular screw fixation for C1-2 fusions: a review of the early results and complications of the collected experience of North American spinal surgeons with the Magerl technique, American Academy of Orthopaedic Surgeons, New Orleans, LA, February 26, 1994.
103. Haid RW Jr: Posterior cervical spine stabilization, Practical Techniques in Spinal Instrumentation, University of Florida, Orlando, FL, March 28, 1994.
104. Haid RW Jr: Management of cervical spondylosis, Pre-meeting Course, Southern Neurosurgical Society, White Sulphur Springs, WV, April 28, 1994.
105. Haid RW Jr: Results of the Think First National Efficacy Study, Southern Neurosurgical Society, April 29, 1994.
106. Haid RW Jr, Gallagher M, Woodard E: Complications of anterior cervical plating, Southern Neurosurgical Society, April, 1994.
107. Haid RW Jr: Special Lecture: New concepts in lumbar surgery, Southern Neurosurgical Society, May 1, 1994.
108. Haid RW Jr: Screw fixation techniques for atlanto-axial instability, AANS Cervical Spine Course, New Orleans, LA, May 13, 1994.
109. Haid RW Jr: Occipital-cervical fixation techniques, AANS Cervical Spine Course, New Orleans, LA, May 13, 1994.
110. Haid RW Jr: Cervical spine disease, 2nd Annual Upper Extremity Symposium, Section of Plastic & Reconstructive Surgery, Emory University, Atlanta, GA, September 8, 1995.
111. Lecture: Anterior thoracolumbar stabilization, Co-Director, Thoraco-Lumbar Stabilization Course (2 courses), Congress of Neurological Surgeons, San Francisco, CA, October 15-18, 1995.
112. Seminar: Degenerative lumbar instability, Congress of Neurological Surgeons, San Francisco, CA, October 15-18, 1995.
113. Biomechanical Lecture Series: Design criteria for spinal implants, Georgia Institute of Technology, October 26, 1995.
114. Course Director: Lumbar pedicle instrumentation. Lecture: Anatomy and placement of pedicle screws, Spinal Science Advancement Foundation, Memphis, TN, October 28, 1995.
115. Lectures: 1) Anterior thoracolumbar stabilization, and 2) Pathogenesis of discogenic disease. Wayne State University, Detroit, MI, November 14-15, 1996.

116. Lecture: Posterior cervical fixation. 7th Annual Spine Symposium, Vancouver, Canada, January 15, 1996.
117. Lectures: 1) Cervical Body Interbody Implants, and 2) Bone Substitutes. Total Spine: Advanced Concepts and Constructs. Cancun, MX, February 2-4, 1996.
118. Course Director: Lumbar pedicle stabilization, 2) Course Instructor: Anterior cervical fixation, and 3) Scientific Session: Bone substitutes. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL, February 28-March 3, 1996.
119. Lecture: Cervical spine injuries in athletics. Southern Orthopaedic Association Sports Symposium. Southern Medical Association, New Orleans, LA, March 9, 1996.
120. Lecture: Anterior Thoracolumbar Stabilization. George Tindall Visiting Lecture Series, Atlanta, GA, March 23, 1996.
121. Overview of minimally invasive spine techniques. Post-meeting course. Southern Neurosurgical Association, Miami, FL, March 31, 1996.
122. Spine Seminar: Posterior cervical fusion. Japanese Congress of Neurological Surgery, Matsu, Japan, April 11, 1996.
123. Lumbar pedicle fixation. Nagoya Neurosurgical Symposium. Nagoya, Japan, April 8, 1996.
124. Lectures: 1) Anterior thoracolumbar fixation, 2) Minimally invasive spine surgery, 3) C1-C2 fixation techniques. Aichi University. Aichi, Japan, April 12-15, 1996.
125. 1)Lecture: Posterior cervical fixation techniques, 2) Course Co-Director: Thoracolumbar stabilization, and Lecture: Anterior thoracolumbar stabilization, 3) Seminar Moderator: Thoracolumbar fractures, 4) Seminar: Biomechanics of spinal fusion. American Association of Neurological Surgeons. Minneapolis, MN, April 27 – May 2, 1996.
126. Atlanto-axial transarticular screw fixation. Neurosurgical Society of America, Laguna Niguel, CA, May 6-8, 1996.
127. Lectures: 1) Thoracolumbar fixation, and 2) Current techniques in cervical stabilization. Oregon Health Sciences Center, Portland, OR, May 16-18, 1996.
128. Lectures: 1) Occipital-cervical fixation, and 2) C1-C2 fixation techniques. Georgia Neurosurgical Society, Sea Island, GA, May 25-26, 1996.
129. Lectures: 1) Lateral mass cervical spine fixation, and (2) C1-C2 fixation techniques. 8th Annual Spine Workshop, Bethesda, MD, June 10-11, 1996.
130. Course Co-Director: 1) C1-C2 fixation techniques and 2) Occipital cervical fixation. AANS Professional Development Program, Cervical Spine Stabilization, Memphis, TN, June 21-25, 1996.
131. Lectures: 1) Anterior cervical approaches, and 2) Anterior thoracic approaches. Anterior Spinal Approaches Course, Spinal Scientific Advancement Foundation, Memphis, TN, August 3-4, 1996.
132. Invited Honored Guest, 1) Lumbar fusion techniques, 2) Posterior cervical stabilization techniques. Montana Neurosurgical Symposium, 2nd Annual Meeting, Kalispell, MT, September 3-6, 1996.
133. 1)Co-Director, Practical Course: Lumbosacral Instrumentation and Fusion Techniques. 2) Speaker, Luncheon Seminar: Techniques of Bone Grafting and Biology of Spinal Fusion, (3)

- Speaker, General Scientific Session III: Upper cervical spine trauma: analysis of outcome. Congress of Neurological Surgeons Annual Meeting, Montreal, Canada, September 28 - October 3, 1996.
134. Lecture: New stabilization techniques of the occipital--atlanta-axial junction. South Carolina Spine Society, November 2, 1996.
 135. Lecture: Spine update: minimally invasive spine techniques. North Carolina Neurosurgical Society, November 16, 1996.
 136. Lecturers: 1) Surgical treatment of anterior approach in ossification of the posterior longitudinal ligament of the cervical spine, 2) Lateral mass plating of the posterior spine, 3) Anterior spinal fixation with the new Codman cervical plate: review of first 52 patients, and 4) The use of freeze-dried allogeneic fibula for fusion after anterior cervical discectomy. Georgia Neurosurgical Society, Atlanta, GA, November 22-24, 1996.
 137. Invited Speaker: Degenerative cervical spine disease neurology and neurosurgery update. Emory University School of Medicine, Atlanta, GA, Dec. 6-7, 1996.
 138. Invited Speaker, Lectures: 1) Minimally invasive techniques in spinal surgery: developmental status, 2) Sports-related cervical spine injury: hot topics in cold weather. Southern Medical Association, Mt. Crested Butte, CO, January 21-26, 1997.
 139. 1)Anterior cervical reconstruction 2) Debate Panelist: Is plating indicated for the single or double level cervical fusion? 3) Discussion Moderator: Endoscopic discectomy and Frameless Stereotaxis, 4) Workshops: Advanced constructs: implant section. Total Spine: Advanced Concepts and Constructs, Cancun, MX, February 1-3, 1997.
 140. Lectures: 1) The Impact of THINK FIRST: An effective neurotrauma prevention program, 2) Posterior occipitocervical fusion using a new titanium device: review of first 20 patients, 3) Lateral mass plating of the posterior spine; Poster: 1) The use of freeze-dried allogenic fibula for fusion after anterior cervical discectomy. 2) Antibiotic impregnated methylmethacrylate (A/M) for the treatment of deep wound infection with spinal instrumentation. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, 13th Annual Meeting, Newport Beach, CA, February 19-22, 1997.
 141. Lecture: Lateral mass plating of the cervical spine. Joint Meeting of the Society of British Neurological Surgeons and the Neurosurgical Society of America, University of Cambridge, Robinson College, Cambridge, London, England, March 29 - April 5, 1997.
 142. 1)Practical Clinic Faculty: Cervical spine instability: instrumentation and other methods of management, 2) Practical Clinic Course Director: Thoracic and lumbar stabilization techniques, 3) Breakfast Seminar Panelist: Biomechanics of spinal instrumentation. AANS Annual Meeting, Denver, CO, April 12-16, 1997.
 143. Panelist: Odontoid fractures, Lecture: 1) Treatment of unstable thoracolumbar burst fractures, 2) Treatment of cervico-thoracic instability. Indiana Spine Trauma Symposium, Indianapolis, IN, May 2-3, 1997.
 144. Lectures: 1) Ventral cervical fixation techniques, 2) Management of blood loss during spinal surgery, 3) Minimally invasive surgery. I AANS Spine Surgery - Hands-On, Albuquerque, NM, May 12-18, 1997.
 145. Lectures: 1) Pediatric occipitocervical arthrodesis: a review of current options and early evaluation of a rigid internal fixation device, 2) Anterior spinal fixation with the new Codman cervical plate: review of first 52 patients, 3) The use of freeze-dried allogeneic fibula for fusion after anterior cervical discectomy, 4) Surgical treatment of anterior approach in ossification of the posterior longitudinal ligament of the cervical spine, 5) Lateral mass plating of the posterior

- spine. Georgia Neurosurgical Society, Annual Spring Meeting, Sea Island, GA, May 23-25, 1997.
146. Lectures: 1) Posterior plating in the cervical and thoracic spine, 2) The use of freeze-dried allogeneic fibula for fusion after anterior cervical discectomy. Southern Neurosurgical Society Meeting, Pinehurst, NC, June 5, 1997.
 147. Lecture: Laparoscopic lumbar interbody fusions. Teton Neurosurgical Society, Napa Valley, CA, July 30 - August 3, 1997.
 148. Lectures: 1) Minimally invasive spine techniques, 2) Interbody lumbar cages. Montana Neurosurgical Symposium, Kalispell, MT, September 1-3, 1997.
 149. Lectures: 1) Course Director: Lumbosacral instrumentation and fusion: screws, dowels, and cages, 2) Lumbar interbody cage technologies, 3) Spinal surgery in 2000, 4) Spinal implants: basics to innovations, 5) Moderator: Cervical Spine Consultant's Corner, 5) Pediatric Session: Pediatric occipital-cervical arthrodesis. Congress of Neurological Surgeons, Annual Meeting, New Orleans, LA, September 27 - October 2, 1997.
 150. Lectures: 1) C1-C2 screw fixation, 2) New techniques spine surgery: neuronavigation and laparoscopy, 3) Moderator: Thoracolumbar trauma. 1st Japanese-Korean Spine Society, Nagoya, Japan, September 19-21, 1997.
 151. Lectures: 1) Overview: minimally invasive spinal techniques, 2) Theories of lumbar interbody fusion devices. Annual Clinical Assembly of Osteopathic Specialists, Atlanta, GA, September 20-23, 1997.
 152. Lecture: New techniques for atlanto-axial instability in rheumatoid arthritis. Emory University School of Medicine, Rheumatology Conference, Atlanta, GA, October 16, 1997.
 153. Lectures: 1) Posterior plating in the cervical and thoracic spine, 2) Freeze-dried allogeneic fibula for fusion of the anterior cervical discectomy. North American Spine Society Annual Meeting, New York, NY, October 22-25, 1997.
 154. Lectures: 1) Biology of bone healing and techniques of bone grafting, 2) Lateral mass plate fixation. Congress of the Peruvian Neurosurgical Society and the Spine Committee of the World Federation of Neurosurgical Societies, Lima, Peru, November 1-2, 1997.
 155. Poster Presentation: The effect of spinal pathology on lumbar arthrodesis. Spine + Science + Management, New Orleans, LA, November 14-15, 1997.
 156. Lectures: 1) Complication of pedicle screw fixation: a surgeon's experience with 2431 screws, 2) The effect of spinal pathology on successful arthrodesis in pedicle screw fusions, 3) Microdiscectomy vs. microendoscopic discectomy: early experience & comparison of techniques. Georgia Neurosurgical Society, Fall Meeting, Atlanta, GA, November 22-23, 1997.
 157. Lectures: 1) Posterior plating in the cervical and thoracic spine, 2) Freeze-dried allogeneic fibula for fusion of the anterior cervical discectomy. Cervical Spine Research Society, Rancho Mirage, CA, December 3-6, 1997.
 158. Presentations: 1) Lumbar fusion is appropriate management of discogenic pain, regional back pain, 2) Clinical and radiological evaluation of the Codman anterior cervical plate: interim one year results of a prospective, multicenter study, 3) The effect of spinal pathology on successful arthrodesis in pedicle screw fusions. Poster Presentations: 1) Single stage anterior-posterior decompression and stabilization in complex cervical disorders, 2) Anterior cervical corpectomy,

- fibular allograft and plate osteosynthesis: results and complications, 3) A learning curve for threaded lumbar implants: complication avoidance and management, 4) Anterior cervical corpectomy, autograft iliac crest and plate osteosynthesis: results and complications, 5) Anterior thoracolumbar vertebrectomies, gifting and instrumentation: results and complications. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, Annual Meeting, Rancho Mirage, CA, February 11-14, 1998.
159. Lectures: 1) Principles and options for interbody spinal fusion, 2) Interbody spinal fusion: advances in theory and implant. Spinal Science Advancement Foundation: Interbody Spinal Fusion: Advances in Theory and Implants, Philadelphia, PA, April 24, 1998.
 160. Presentations: 1) Spinal stabilization: state of the art – principles of selection, application and construction design, 2) Pre-meeting course: Cervical spine, posterior occipital and cervical constructs, Breakfast Seminar, Moderator: 1) Thoracolumbar trauma. AANS Annual Meeting, Philadelphia, PA, April 25-30, 1998.
 161. Lectures: 1) Cervical spondylosis, 2) Upper cervical (C1-C2) screw fixation techniques, 3) Ventral cervical fixation techniques. AANS Hands-On Spine Surgery, Albuquerque, NM, May 16-22, 1998.
 162. Lectures: 1) Single stage anterior-posterior reconstruction in complex cervical spine disorders, 2) Laparoscopic lumbosacral fusion, 3) Anterior cervical corpectomy, fibular allograft and plate osteosynthesis, 4) Techniques for fusion extension in the thoracolumbar spine. Georgia Neurosurgical Society, Annual Meeting, Sea Island, GA, May 22-24, 1998.
 163. Lecture: Lateral mass anatomy. International Spine Workshop for Spine Surgeons, Hands-On Cadaver Program & Live Porcine Preparations, Bethesda, MD, June 2-19, 1998.
 164. Moderator: 1) Session 1: Cervical spine, Lecture: 1) Anterior cervical stabilization – principles and techniques, 2) Discussion/Panel: Identifying the Pain Focus: The Dark Disc, Modic Inflammatory Changes; Discography; Facet Injections. Spinal Science Advancement Foundation, Global Spine: Surgical Principles and the Latest Techniques, Kamuela, HI, June 5-7, 1998.
 165. Luncheon Seminars: 1) Techniques of bone grafting and biology of spinal fusion, 2) Lumbar interbody fusion, (moderator), Scientific Session Open Paper: 1) Single stage anterior-posterior reconstruction in complex cervical spine disorders. Congress of Neurological Surgeons, Annual Meeting, Seattle, WA, October 3-8, 1998.
 166. 1) A learning curve for threaded lumbar interbody fusion implants: complication avoidance and management, 2) Single stage anterior-posterior reconstruction in complex cervical spine disorders. North American Spine Society (NASS), Annual Meeting, San Francisco, CA, October 28-31, 1998.
 167. Rodts GR, Haid RW Jr, Birch B: Special considerations in transoral surgery for complex basilar invagination. Georgia Neurosurgical Society Meeting, Atlanta, GA, November 21-22, 1998.
 168. Schultz KD and Haid RW Jr: Single stage anterior-posterior reconstruction in complex cervical spine disorders. Spine Science Meeting, New Orleans, LA, November 19-21, 1998.
 169. 1) Anterior odontoid screw, occipital – cervical fusion, 2) C₁ – C₂ screw techniques. Pre-Meeting, Cervical Spine Workshops, 18th Latin American Congress of Neurosurgery, Santiago, Chile, October 10-11, 1998.
 170. A learning curve for threaded lumbar interbody fusion implants: complication avoidance and management. North American Spine Society 13th Annual Meeting, San Francisco, CA, October 28-31, 1998.

171. Birch BD, Rodts GE, Haid RW Jr: Surgical outcome after transoral odontoidectomy and occipitocervical fusion for basilar impression. Spine Science Meeting, New Orleans, LA, November 19-21, 1998.
172. Theories of lumbar interbody techniques. AANS / CNS Joint Section of Spine and Peripheral Nerves, Orlando, FL, February 10, 1999.
173. Lumbar fusion is indicated in lumbar spondylolisthesis with stenosis. AANS / CNS Joint Section of Spine and Peripheral Nerves, Orlando, FL, February 13, 1999.
174. 1) Pedicle screws: techniques & biomechanics, 2) PLIF: patient selection, management, outcomes. Lumbosacral Instrumentation: Complication Management & Avoidance. BNI Phoenix, AZ, March 26-27, 1999.
175. Invited Speaker: Surgical treatment of discogenic pain. Neurosurgical Society of America, Phoenix, AZ, March 29, 1999.
176. 1) Occipital – cervical stabilization. 2) Subaxial cervical stabilization. AANS, New Orleans, LA, April 24, 1999.
177. Theories & principles of lumbar interbody fusion. AANS, New Orleans, LA, April 25, 1999.
178. Moderator: Spinal stabilization: state of the art. AANS, New Orleans, LA, April 26, 1999.
179. Clinical issues in anterior cervical fusion. AANSN, New Orleans, LA, April 26, 1999.
180. Management of thoracolumbar fractures. AANS, New Orleans, LA, April 29, 1999.
181. Principles and options for interbody spinal fusion. Global Spine, Maui, HI, June 18, 1999.
182. Anterior and posterior fusion in the cervical spine. Global Spine, Maui, HI, June 20, 1999.
183. Image guided spinal surgery, C₁ – C₂. Global Spine, Maui, HI, June 20, 1999.
184. Frontiers in spinal surgery. Rocky Mountain Neurosurgical Society, Coeur d' Alene, ID, June 23, 1999.
185. Theories of lumbar interbody fusion. Rocky Mountain Neurosurgical Society, Coeur d' Alene, ID, June 24, 1999.
186. Lumbar interbody theories. Montana Neurosurgical Symposium, Kalispell, MT, August 28-31, 1999.
187. Frontiers in spinal surgery. Montana Neurosurgical Symposium, Kalispell, MT, August 28-31, 1999.
188. Lectures: 1) New techniques in neuronavigation of the spine, 2) PLIF: theories, techniques and outcomes, 3) C1-C2 screw stabilization: techniques and outcomes, 4) New techniques in anterior cervical plating. Brazilian Neurosurgical Society Meeting, Sao Paul, Brazil, October 9-12, 1999.
189. Advances in minimally invasive lumbar spine surgery. NASS 14th Annual Meeting, Chicago, IL, October 22, 1999.
190. Theories of interbody techniques. Congress of Neurological Surgeons, Boston, MA, October 30, 1999.
191. Gender and racial differences in presentation and initial improvement following lumbar surgery. Congress of Neurological Surgeons, Boston, MA, November 1, 1999.

192. Key patient factors in the decision to offer surgery on the lumbar spine. Congress of Neurological Surgeons, Boston, MA, November 3, 1999.
193. PLIF with cages and dowels. Congress of Neurological Surgeons, Boston, MA, November 4, 1999.
194. Discography in failed back syndrome. Georgia Neurosurgical Society, Atlanta, GA, November 13-14, 1999.
195. Preliminary results with threaded cortical bone dowels. Georgia Neurosurgical Society, Atlanta, GA, November 13-14, 1999.
196. Management of spinal disorders in renal-failure patients. Georgia Neurosurgical Society, Atlanta, GA, November 13-14, 1999.
197. Atlanto-axial fixation techniques. Georgia Neurosurgical Society, Atlanta, GA, November 13-14, 1999.
198. Impacted PLIF techniques. Global Spine, Cancun, MX, February 18-20, 2000.
199. Cervical interbody constructs. Global Spine, Cancun, MX, February 18-20, 2000.
200. Evolution of interbody fusion. AANS/CNS Joint Spine Section Pre-meeting course, Palm Springs, CA, February 23, 2000.
201. Development of the artificial disc. AANS/CNS Joint Spine Section, Palm Springs, CA, February 24-27, 2000.
202. Fusion is not always indicated after cervical laminectomy. AANS/CNS Joint Spine Section, Palm Springs, CA, February 24-27, 2000.
203. Current PLIF techniques. AANS, San Francisco, CA, April 8-13, 2000.
204. Discussant: Virtual fluoroscopy. AANS, San Francisco, CA, April 8-13, 2000.
205. Breakfast Seminar: Spine stabilization, state of the art. AANS, San Francisco, CA, April 8-13, 2000.
206. C1-C2 transarticular screw fixation. AANS, San Francisco, CA, April 8-13, 2000.
207. Breakfast Seminar: Complications and lessons learned. AANS, San Francisco, CA, April 8-13, 2000.
208. Anterior cervical plate fixation. World Federation of Neurosurgical Societies Spine Seminar (WFNS), St. Petersburg, Russia, May 20-21, 2000.
209. Anterior odontoid screw fixation. World Federation of Neurosurgical Societies Spine Seminar (WFNS), St. Petersburg, Russia, May 20-21, 2000.
210. C1-C2 screws. World Federation of Neurosurgical Societies Spine Seminar (WFNS), St. Petersburg, Russia, May 20-21, 2000.
211. Anterior-posterior single stage surgery for complex spinal deformities. IMAST, Barcelona, Spain, July 6-8, 2000.
212. PLIF for spondylolisthesis. IMAST, Barcelona, Spain, July 6-8, 2000.

213. Biomechanics of spinal column failure—the upper cervical Spine. Spine Review: Hands-On 2000, Cleveland Clinic, OH, August 19-22, 2000.
214. Vertical cervical fixation techniques. Spine Review: Hands-On 2000, Cleveland Clinic, OH, August 19-22, 2000.
215. Complication avoidance: ALIF & PLIF. Montana Neurosurgical Symposium, Chico, MT, September 28-31, 2000.
216. Cervical spine reconstructive strategies. Montana Neurosurgical Symposium, Chico, MT, September 28-31, 2000.
217. Evolution of ventral cervical plate fixation. Montana Neurosurgical Symposium, Chico, MT, September 28-31, 2000.
218. Degenerative disease of the cervical spine. CNS, San Antonio, TX, September 23-28, 2000.
219. Do the outcomes data support interbody lumbar fusion? CNS, San Antonio, TX, September 23-28, 2000.
220. PLIF with allograft bone: a comparison of cylindrical dowels and impacted wedges. CNS, San Antonio, TX, September 23-28, 2000.
221. Threaded bone dowels: a 2-year follow-up. CNS, San Antonio, TX, September 23-28, 2000.
222. Anterior cervical plates: evolution & classification. AANS/CNS Joint Spine Section Pre-Meeting Course, Phoenix, AZ, February 14, 2001.
223. BMP: Overview, update, FDA status. AANS/CNS Joint Spine Section Pre-Meeting Course, Phoenix, AZ, February 14, 2001.
224. The Internet & your practice: hype or reality? AANS/CNS Joint Spine Section Pre-Meeting Course, Phoenix, AZ, February 14, 2001.
225. Barnes BB, Suh D, Rodts GE, Haid RW: PLIF with allograft bone: results comparing cylindrical dowels and impacted wedges. AANS/CNS Joint Spine Section, Phoenix, AZ, February 15, 2001.
226. Haid RW: Problems with cages. AANS/CNS Joint Spine Section, Phoenix, AZ, February 16, 2001.
227. Tang GW, Haid RW, Rodts GE: Mayfield Clinical Science Paper. AANS/CNS Joint Spine Section, Phoenix, AZ, February 16, 2001.
228. Tang GW, Haid RW, Rodts GE: The natural history of discogenic pain. AANS/CNS Joint Spine Section, Phoenix, AZ, February, 2001.
229. Rodts GE, Edwards CC, Haid RW, Heller JG, Murakami H: Laminectomy and fusion versus laminoplasty for multi-level cervical myelopathy: an independent matched cohort analysis. AANS/CNS Joint Spine Section, Phoenix, AZ, February 16, 2001.
230. Foley K, Rodts GE, Rosenberg WS, Suh D, Haid RW: Percutaneous lumbar pedicle screw/rod placement. AANS/CNS Joint Spine Section, Phoenix, AZ, February 16, 2001.
231. Tang G, Rodts G, Haid R: Discography in Failed-Back Syndrome. AANS Annual Meeting, 2001.
232. Tang G, Rodts G, Haid R: Degenerative Disc Disease Following Lumbar Discectomy. AANS Annual Meeting, 2001.

233. Barnes BB, McLaughlin M, Rodts G, Haid R: Threaded Cortical Bone Dowels for Lumbar Fusion: One-Year Results. AANS Annual Meeting, 2001.
234. Tang G, Haid RW Jr., Rodts G: The natural history of discogenic pain. Georgia Neurosurgical Society, Spring Meeting, Sea Island, GA, May 25-27, 2001.
235. Subach BR, Haid RW Jr., Rodts G, Kaiser M: Bone morphogenetic protein (*rh*BMP-2): overview and clinical update. Georgia Neurosurgical Society, Spring Meeting, Sea Island, GA, May 25-27, 2001.
236. Rodts G, Haid RW Jr., Subach BR, Kaiser M: Lumbar kyphotic deformity: definition, diagnosis, and treatment options. Georgia Neurosurgical Society, Spring Meeting, Sea Island, GA, May 25-27, 2001.
237. Haid RW Jr.: PLIF with allograft bone: results comparing cylindrical dowels and impacted wedges. Neurosurgical Society of America/AANS, Annual Meeting, Amelia Island, FL, June 7, 2001.
238. Tang G, Haid RW Jr., Rodts G: The natural history of discogenic pain. CNS Annual Meeting, San Diego, CA, Sept 29-Oct 4 2001.
239. Subach BR, Haid RW, Rodts GE, Fiore AJ, Mummaneni PV, Petraglia CA: Fractures, Stenosis, and Sports: Guidance and Participation. CNS Annual Meeting, San Diego, CA, September 29-October 4, 2001.
240. Subach BR, Haid RW Jr.: CNS Annual Meeting, San Diego, CA, September 29–October 4, 2001.
241. Mummaneni PV, Rodts GE, Subach BR, Haid RW: Current Management of Thoracic Disc Disease, Georgia Neurosurgical Society, Atlanta, GA, November, 2001.
242. Haid RW, Mummaneni PV, Rodts GE, Subach BR: Anterior Cervical Instrumentation: Current and Emerging Techniques, Joint Section on Disorders of the Spine and Peripheral Nerves, Orlando, FL, February, 2002.
243. Haid RW, Mummaneni PV: CSSG Classification of Anterior Cervical Plates, Joint Section on Disorders of the Spine and Peripheral Nerves, Orlando, FL, February, 2002.
244. Mummaneni PV, Rodts GE, Sasso RC, Traynelis VC, Subach BR, Fiore AJ, Haid RW: Posterior Cervical Fusion Using a New Polyaxial Screw and Rod System: Technique and Early Results, Southern Neurosurgical Society, Savannah, GA, March 6-9, 2002.
245. Mummaneni PV, Haid RW, Rodts GE, Subach BR: Incidental Cervical Stenosis, Southern Neurosurgical Society, Savannah, GA, March 6-9, 2002.
246. Mummaneni PV, Fiore AJ, Haid RW, Rodts GE, Subach BR, Sasso RC, Birch BD, Atlantal Lateral Mass Screws for Posterior Spinal Reconstruction, International Meeting on Advanced Spine Techniques, Montreux, Switzerland, May 23-25, 2002.
247. Haid RW, Mummaneni PV, Transarticular C1-2 Screws versus Lateral Mass C1-C2 Screw-Rod Technique, International Meeting on Advanced Spine Techniques, Montreux, Switzerland, May 23-25, 2002.
248. Barnes BB, Haid RW Jr, Rodts GE Jr: Multilevel Anterior Cervical Discectomy and Fusion versus Corpectomy: Significantly Better Outcomes with Corpectomy at 19-month Follow-up, Congress of Neurological Surgeons Meeting, Philadelphia, PA, September 21-26, 2002.

249. Haid R: C1-C2 Fixation, Global Spine: Surgical Principles and the Latest Techniques, Dana Point, CA, October 18-20, 2002.
250. Mummaneni PV, Haid RW, Rodts GE: Principles of Spinal Deformity – Evaluation of Adult Thoracolumbar Deformity and Nonoperative Treatment Options, Southern Neurosurgical Society, Orlando, FL, March 14-16, 2003.
251. Haid RW: Anterior Cervical Plating, American Association of Neurological Surgeons, San Diego, CA, April 26, 2003.
252. Moderator: Cutting Edge Strategies for Spine Stabilization. American Association of Neurological Surgeons, San Diego, CA, April 30, 2003.
253. Mummaneni PV, Haid RW, Rodts GE: Transforaminal Lumbar Interbody Fusion for Spondylolistheses: Technical Advances, Practical Course 2, American Association of Neurological Surgeons, San Diego, CA, April 26-May 1, 2003.
254. Mummaneni PV, Haid RW, Rodts GE: Transforaminal Lumbar Interbody Fusion for Spondylolistheses: Technical Advances, Practical Course 13, American Association of Neurological Surgeons, San Diego, CA, April 26-May 1, 2003.
255. Mummaneni PV, Haid RW, Rodts GE: Biology of Bone Fusion, Practical Course 16, American Association of Neurological Surgeons, San Diego, CA, April 26-May 1, 2003.
256. Mummaneni PV, Haid RW, Rodts GE, Cheruvu RS: History of CT Scanning and Future Applications in Spine Surgery, Breakfast Seminar 403, American Association of Neurological Surgeons, San Diego, CA, April 26-May 1, 2003.
257. Haid RW: C1 Lateral Mass Fixation, American Association of Neurological Surgeons, San Diego, CA, April 26-May 1, 2003.
258. Haid RW: Anterior Cervical Fusion and Instrumentation, American Association of Neurological Surgeons, San Diego, CA, April 26-May 1, 2003.
259. Haid RW: Prognostic Factors for Radiofrequency Facet Thizotomy for Chronic LBP, American Association of Neurological Surgeons, San Diego, CA, April 26-May 1, 2003.
260. Haid RW: Complications in Complex Spinal Surgery: Lessons Learned, American Association of Neurological Surgeons, San Diego, CA, April 26-May 1, 2003.
261. Haid RW: Anterior Approaches to Cervical Trauma. American Association of Neurological Surgeons, San Diego, CA, April 26-May 1, 2003.
262. Haid RW: ALIF/PLIF Significantly Improves Outcome, American Association of Neurological Surgeons, San Diego, CA, April 26-May 1, 2003.
263. Haid R, Robertson J, Zdeblick T: Clinical Evolution of a Metal-on-Metal Cervical Disc Prosthesis, IMAST, Rome, Italy, July 10, 2003.
264. Moderators: Haid R, Traynelis V: Session VIII: The Cervical Spine, IMAST, Rome, Italy, July 11, 2003.
265. Mummaneni PV, Haid RW, Boakye M, Rodts GE: Transoral Odontoidectomy: Pearls and Pitfalls Learned from a 15 Year Experience, IMAST, Rome, Italy, July 11, 2003.
266. Chair: Cervical Challenges. IMAST, Rome, Italy, July 12, 2003.

267. Brotchi J, Gill S, Haid R, Nelson R, McCombe P, Porchet F, Traynelis V, Zdeblick T: A Clinical and Radiographic Comparison of the Prestige™ Cervical Disc System to Fusion for the Treatment of Single Level Degenerative Disease, European Cervical Spine Research Society (Submitted).
268. Gill S, Haid R, Nelson R, Traynelis V, Robertson J, Zdeblick T: Long-Term Experience with the Prestige™ Cervical Disc Ssystem in an End Stage Indication, European Cervical Spine Research Society (Submitted).
269. Haid RW: Innovations in Cervical Interbody Fixation: Polymers, BMP, and Arthroplasty, Visiting Professor, Weill Medical College of Cornell University, New York, NY, September 29, 2003.
270. Bone Morphogenetic Protein: Update and Clinical Applications, Japanese Paraplegia Society, Aichi, Japan, November 13-14, 2003.
271. The Use of Resorbable and Non-Resorbable Polymers in Spinal Reconstruction, Japanese Paraplegia Society, Aichi, Japan, November 13-14, 2003.
272. TLIF – Open and Minimally Invasive Approaches; Artificial Lumbar Disc; Polymers – Resorbable and Non-Resorbable – PEEK / BMP, Visiting Professor, University of Miami School of Medicine, Miami, FL, February 2, 2006.
273. Presentation: Scientific Session I: The Evolution of Cervical Spine Surgery, AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, 22nd Annual Meeting, Lake Buena Vista, FL, March 16, 2006.
274. Presentation: Arthroplasty, 022, Cervical Spine Instability: Instrumentation and Other Methods of Management, American Association of Neurological Surgeons (AANS) 74th Annual Meeting, April 22-27, 2006.
275. CNSS Penfield Lecturer: Spinal Arthroplasty, Canadian Congress of Neurological Sciences 41st Annual Scientific Meeting, Montreal, Canada, June 15, 2006.
276. Cervical Disc Arthroplasty, Cleveland Spine Review Hands-On, Cleveland, OH, July 21, 2006.
277. Lumbar Arthroplasty and Motion Preservation Techniques, Cleveland Spine Review Hands-On, Cleveland, OH, July 23, 2006.
278. Presentation: Cervical and Lumbar Arthroplasty: Indications and Complications, Congress of Neurological Surgeons (CNS) 56th Annual Meeting, Chicago, IL, October 8, 2006.
279. Presentation: Fix Sagittal Malalignment (Neuro), Cervical Spine Research Society (CSRS) 11th Instructional Course, Palm Beach, FL, November 29, 2006.

Course Faculty

1. Symposium on Contemporary Neurosurgery. Topic: Spinal Instrumentation, Ponte Vedre Beach, FL, May 4-7, 1989.
2. University of Florida Contemporary Neurosurgery Course. Topic: Thoracolumbar Trauma, Gainesville, FL, November 30, 1989.
3. A Contemporary Update on Disorders of the Spine. Topics: 1) Cervical Spine Trauma, 2) Percutaneous Discectomy, Snowbird, UT, January 13 –20, 1990.
4. Practical Techniques in Spinal Instrumentation – A Cadaver Workshop. University of Florida, The Florida Neurosurgical Society, Orlando, FL, August 19-23, 1990.

5. A Contemporary Update on Disorders of the Spine and Hand-On Spinal Instrumentation Course, Snowbird, UT, January 5-12, 1991.
6. Practical Techniques in Spinal Instrumentation – A Cadaver Workshop, University of Florida, the Florida Neurosurgical Society, Orlando, FL, April 7-11, 1991.
7. AANS Professional Development Program: Degenerative Diseases of the Lumbar Spine. Regional Presentations, 1991. Topics: 1) Transverse Process Fusion, 2) Laminar Fixation Techniques, San Francisco, CA, June 8-9, 1991.
8. Third Annual Spine Workshop. Uniformed Service University of the Health Sciences, Course Director: P Klara, MD, Bethesda, MD, June 10-21, 1991.
9. Hands-On Spine Instrumentation Workshop. Medical College of Wisconsin. Course Director: S Larson, MD, Milwaukee, WI, July 8-15, 1991.
10. Practical Techniques in Spinal Instrumentation – A Cadaver Workshop. University of Florida, the Florida Neurosurgical Society, Orlando, FL, August 11-15, 1991.
11. Cervical Spine Instrumentation Workshop. Pre-meeting Course, The Hilton Head Neurosurgical Symposium, Course Directors: J Tew MD, E. Downing, August 20, 1991.
12. University of Texas, Lumbosacral Spine Instrumentation Course. Course Director: L V Ansell, San Antonio, TX, September 21, 1991.
13. AANS Hands-On Lumbar Spine Instrumentation Course, Lumbar Pedicle Fixation, St. Louis, MO, November 23-24, 1991.
14. Cervical Spine Research Society Workshop, Posterior Cervical Instrumentation, Philadelphia, PA, December 8, 1991.
15. Special Guest Lecture: Evolution of Thoracolumbar Instrumentation. Spinal Instrumentation for Treatment of Lumbar Spine Instability. Course Director: S Heim, Chicago, IL, December 13-14, 1991.
16. Cervical Fixation Techniques Workshop, AANS and CNS Joint Section on Disorders of the Spine and Peripheral Nerves, Miami, FL, February 5, 1992.
17. Posterior Cervical Plating Workshop, Contemporary Spinal Disorders. Director: D Spangler, Chairman, Department of Orthopaedics, Vanderbilt University, Maui, HI, March 17, 1992.
18. Practical Techniques in Spinal Instrumentation, University of Florida, The Florida Neurosurgical Society, Orlando, FL, May 11-14, 1992.
19. Texas Association of Neurological Surgeons Meeting, Cervical and Lumbar Cadaver Instrumentation, San Antonio, TX, May 15-17, 1992.
20. Fourth Annual Spine Workshop, Uniformed Service University of the Health Sciences. Course Director: P Klara, Bethesda, MD, June 8-19, 1992.
21. AANS Lumbar Spine Instrumentation Course, Lumbar Pedicle Fixation, San Antonio, TX, September 8-20, 1992.
22. Hands-On Spine Instrumentation Course, St. Louis, MO, October 2-4, 1992.
23. Hands-On Spine Instrumentation Course, Los Angeles, CA, November 20-22, 1992.

24. A Contemporary Update on Disorders of the Spine, Snowbird, UT, January 10-15, 1993.
25. Cervical Spine Stabilization Course, UCLA, Los Angeles, CA, January 18-19, 1993.
26. AANS and CNS Joint Section on Disorders of the Spine, Cervical Stabilization, Tucson, AZ, February 17, 1993.
27. Degenerative Lumbar Disease, Pre-Meeting Course, Southern Neurosurgical Society, Williamsburg, VA, April 1, 1993.
28. AANS Pre-meeting Course, Thoracolumbar Instrumentation, Co-Director, Boston, MA, April 24-25, 1993.
29. AANS Hands-On Cervical Spine Techniques, Assistant Chairman, Kansas City, KS, May 14-16, 1993.
30. AANS Hands-On Cervical Spine Techniques, Assistant Chairman, Toronto, Canada, June 4-6, 1993.
31. Fifth Annual Spine Workshop, Uniformed Service, University of the Health Sciences. Course Director: P Klara MD and K Foley MD, Bethesda, MD, June 21-25, 1993.
32. Cervical Spine Stbilization, Special Pre-meeting Course, Congress of Neurological Surgeons, Vancouver, Canada, October 3, 1993.
33. A Contemporary Update on Disorders of the Spine, Snowbird, UT, January 10-14, 1994.
34. Cervical Spine Workshop, Pre-meeting Course, Joint Section on Disorders of the Spine and Peripheral Nerves, Ft. Lauderdale, FL, February 9, 1994.
35. AANS Hands-On Cervical Spine Technique, Co-Director, New Orleans, LA, May 13-14, 1994.
36. Course Instructor: Anterior Thoraco-Lumbar Fixation. Sixth Annual Spine Workshop, Uniformed Service, University of Health Sciences. Course Director: P Klara MD and K. Foley MD, Bethesda, MD, June 6-17, 1994.
37. Practical Techniques in Spinal Instrumentation – A Cadaver Workshop. Clinical Correlation: Odontoid Screw and Anterior Locking Plates, University of Florida The Florida Neurosurgical Society, Orlando, FL, August 28-September 1, 1994.
38. CNS Annual Meeting, Co-Director: Thoraco-Lumbar Stabilization. Speaker: Thoraco-Lumbar Instability, Chicago, IL, October 1-6, 1994.
39. State of the Spine from A to Z. Workshops: Anterior T-L Locking Plate, T-L Burst Fractures, Orion Plate, Cervical Instrumentation, Spinal Science Advancement Foundation, Puerto Rico, November 3-6, 1994.
40. A Contemporary Update on Disorders of the Spine. Presentation: Spinal Cord Injuries. Faculty: Anterior Cervical Plate. Sofwire. Tampa General Healthcare/Spine Center, Whistler, Canada, January 8-13, 1995.
41. Practical Techniques in Spinal Instrumentation - A Cadaver Workshop. Faculty: Anatomy and Instrumentation of the Posterior Cervical Spine. The University of Florida, the Florida Neurosurgical Society, Orlando, FL, April 9-13, 1995.
42. Lateral Mass Plating the Cervical Spine. Seventh Annual International Spine Workshops. Bethesda, MD, June 12, 1995.

43. Total Spine: Advanced Concepts and Constructs. Spinal Science Advancement Foundation. Cancun, MX, February 1-4, 1996.
44. Disorder of the Spine and Cervical Stabilization. AANS/CNS Joint Section, Lake Buena Lake, FL, March 1, 1996.
45. Cervical Spine Stabilization. AANS Pre-meeting Course, Minneapolis, MN, April 28, 1996.
46. Lateral Mass Plating the Cervical Spine. Eighth Annual International Spine Workshops, Bethesda, MD, June 10, 1996.
47. "Odontoid Fixation" and "Anterior Cervical Approach." Anterior Surgical Approaches to the Spine, Medical Education Research Institute and the Spinal Science Advancement Foundation, Memphis, TN, August 3-4, 1996.
48. Cervical Spine Stabilization. Congress of Neurological Surgeons Pre-meeting Course, Montreal, Canada, September 28, 1996.
49. Total Spine: Advanced Concepts and Construct. Spine Science Advancement Foundation. Cancun, MX, February 1-4, 1997.
50. Cervical Spine Stabilization: Occipital Cervical & Subaxial Stabilization. AANS Pre-meeting Course. Denver, CO, April 12, 1997.
51. Practical Clinic Faculty: Cervical Spine Instability: Instrumentation and Other Methods of Management. AANS Annual Meeting, Denver, CO, April 12-16, 1997.
52. Lateral Mass Plating the Cervical Spine. Ninth Annual International Spine Workshops. Bethesda, MD, May 10, 1997.
53. Hands On: A Comprehensive Approach for Neurosurgeons. AANS Spine Surgery, University of New Mexico, Albuquerque, NM, May 12-18, 1997.
54. Spine Surgery - Hands-On. AANS, Albuquerque, NM May 12-18, 1997.
55. Lumbosacral Instrumentation and Fusion: Screws, Dowels, and Cages. CNS Annual Meeting, New Orleans, LA, September 28, 1997.
56. Cervical Spine Instrumentation. Congress of the Peruvian Neurosurgical Society and the Spine Committee of the World Federation of Neurosurgical Societies, Lima Peru, November 1-2, 1997.
57. Special Course IV - Basics of Microendoscopic Discectomy. AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves, Annual Meeting, Rancho Mirage, CA, February 11-14, 1998.
58. Cervical Spine Instability: Instrumentation and Other Methods of Management. AANS Annual Meeting, Philadelphia, PA, April 25-30, 1998.
59. Lumbosacral Instrumentation and Fusion: Cages, Dowels and Screws. CNS Annual Meeting, Seattle, WA, October 3-8, 1998.
60. Cervical Spine Fixation. Latin American Congress of Neurosurgery. Santiago, Chile, October 10-11, 1998.
61. Cervical Spine Stabilization. AANS Pre-Meeting Course, New Orleans, LA, April 24, 1999.
62. Microendoscopic Discectomy. AANS Pre-Meeting Course, New Orleans, LA, April 25, 1999.

63. Thoracolumbar Stabilization. AANS Pre-Meeting Course, New Orleans, LA, April 25, 1999.
64. Lumbosacral Fusion. CNS Pre-Meeting Course, Boston, MA, October 30, 1999.
65. Lumbar Interbody Fusion. AANS/CNS Joint Spine Pre-Meeting Course, Palm Springs, CA, February 23, 2000.
66. Lumbar Interbody Fusion. AANS Pre-Meeting Course, San Francisco, CA, April 8, 2000.
67. Cervical Spine Stabilization. AANS Pre-Meeting Course, San Francisco, CA, April 9, 2000.
68. Thoracic and Lumbar Stabilization. AANS Pre-Meeting Course, San Francisco, CA, April 9, 2000.
69. Anterior Odontoid Screw Fixation. C1-C2 Fixation. Anterior Cervical Fixation. World Federation of Neurosurgical Societies Spine Seminar. St. Petersburg, Russia, May 20-21, 2000.
70. PLIF. ALIF. Anterior Cervical Fixation. IMAST: International Meeting for Advanced Spinal Techniques. Barcelona, Spain, July 6-8, 2000.
71. Degenerative and trauma cases. 10th Annual Course on The Surgical Management of Spinal Disorders. Beaver Creek, CO, January 14, 2001.
72. Interbody devices with posterior instrumentation for spondylolisthesis indications, techniques, results. 10th Annual Course on The Surgical Management of Spinal Disorders. Beaver Creek, CO, January 16, 2001.
73. C1-C2 spinal fixation: indications, technique, outcomes. 10th Annual Course on The Surgical Management of Spinal Disorders. Beaver Creek, CO, January 16, 2001.
74. New technologies in spinal treatment. AANS/CNS Joint Spine Section Pre-Meeting Course, Phoenix, AZ, February 14, 2001.
75. Anterior cervical plates: evolution & classification. AANS/CNS Joint Spine Section Pre-Meeting Course, Phoenix, AZ, February 14, 2001.
76. BMP: Overview, update, FDA status. AANS/CNS Joint Spine Section Pre-Meeting Course, Phoenix, AZ, February 14, 2001.
77. The Internet & your practice: hype or reality? AANS/CNS Joint Spine Section Pre-Meeting Course, Phoenix, AZ, February 14, 2001.
78. Laparoscopic anterior lumbar interbody fusion. AANS Special Course, Toronto, Canada, April 21, 2001.
79. Basics of spinal stabilization, fusion, and instrumentation for residents. AANS Pre-Meeting Course, Toronto, Canada, April 22, 2001.
80. Spine stabilization: state of the art. AANS Pre-Meeting Course, Toronto, Canada, April 23, 2001.
81. Lumbar spine fusion: indications, patient selection and current techniques. AANS Pre-Meeting Course, Toronto, Canada, April 24, 2001.
82. Complications in complex spinal surgery: lessons learned. AANS Pre-Meeting Course, Toronto, Canada, April 25, 2001.
83. CSSG: Cervical Spine Study Group. 1st Annual Residents and Fellows Course. Phoenix, AZ, May 4-6, 2001.

84. 1st Annual Cervical Spine Student Group: Resident Instructional Course. Phoenix, AZ, May 4-6, 2001.
85. Healthcare professional: healer—or line worker? Emory University, Atlanta, GA, May 22, 2001.
86. Global Spine. Maui, HI, June 16-18, 2001.
87. Kyphosis with primary presentation: role of brace, halo, surgery, vertebroplasty, kyphoplasty, etc. The Surgical Management of Adult Spinal Deformity with Degeneration. IMAST, Paradise Island, Bahamas, July 11-14, 2001.
88. IMAST: International Society for Advanced Spinal Techniques. Bahamas. July 14-17, 2001.
89. Faculty: AANS, Basics of Spinal Stabilization, Fusion and Instrumentation. San Diego, CA, April 26, 2003.
90. Faculty: Preserving Motion in the Diseased Cervical Spine. IMAST, Rome, Italy, July 12, 2003.
91. Faculty: M04: Intra-operative Salvage Techniques: “Getting Out of Trouble in Spinal Surgery”. CNS, Denver, CO, October 20, 2003.
92. Faculty: 012, Artificial Cervical Disc Technology, American Association of Neurological Surgeons (AANS) 74th Annual Meeting, San Francisco, CA, April 22, 2006.
93. Faculty: 022, Cervical Spine Instability: Instrumentation and Other Methods of Management, American Association of Neurological Surgeons (AANS) 74th Annual Meeting, San Francisco, CA, April 23, 2006.
94. Faculty: 035, Basics of Spinal Stabilization, Fusion and Instrumentation, American Association of Neurological Surgeons (AANS) 74th Annual Meeting, San Francisco, CA, April 23, 2006.
95. Panelist: 211, Complications and Complex Spinal Surgery: Lessons Learned, American Association of Neurological Surgeons (AANS) 74th Annual Meeting, San Francisco, CA, April 25, 2006.
96. Panel Member: Case Presentation and Panel Discussion: SPINE, Georgia Neurosurgical Society (GNS) Annual Spring Meeting, Sea Island, GA, May 27, 2006.
97. Faculty: Mastering Spinal Disorders: Dealing with Complexities, Congress of Neurological Surgeons (CNS) 56th Annual Meeting, Chicago, IL, October 8, 2006.
98. Faculty: 016 Basics of Spinal Stabilization, Fusion and Instrumentation, American Association of Neurological Surgeons, 75th Annual Meeting, Washington, D.C., April 14, 2007.
99. Faculty: 032 Artificial Cervical Disc Technology, American Association of Neurological Surgeons, 75th Annual Meeting, Washington, D.C., April 15, 2007.
100. Panelist, 311 Complications and Complex Spinal Surgery: Lessons Learned, American Association of Neurological Surgeons, 75th Annual Meeting, Washington, D.C., April 18, 2007.

Visiting Professorships:

1. University of Texas, San Antonio, TX, October 21, 1991.
2. UCSF, San Francisco, CA, 1991.
3. Emory University, Atlanta, GA, 1991.

4. UCLA, Los Angeles, CA, May 27-28, 1992.
5. University of Cincinnati/Mayfield, Cincinnati, Ohio, 1992.
6. Baylor University, Houston, TX, June 18, 1992.
7. University of Texas, Southwestern, Dallas, TX, 1992.
8. Columbia College of Physicians & Surgeons, New York, NY, July 30, 1992.
9. University of Alabama, Birmingham, AL, August 6, 1992.
10. Mayo Clinic, Rochester, MN, October, 1992.
11. Aichi University. Aichi, Japan, April, 1996.
12. University of Oregon Health Science Center. Portland, OR, May 16-18, 1996.
13. West Virginia University. Morgantown, WV, June 1-2, 1996.
14. Wayne State University. Detroit, MI, November 14-15, 1996.
15. Henry Ford Hospital System. Detroit, MI, January 10, 1998.
16. University of Wisconsin. Madison, WI, June 4-5, 1999.
17. University of Virginia, Charlottesville, VA, August 24, 2000.
18. Rush Medical College. Chicago Institute of Neurosurgery and Neuroresearch. Chicago, IL, January 4, 2001.
19. University of Pittsburgh, Department of Neurosurgery. Pittsburgh, PA, May, 2001.
20. Stanford University, Palo Alto, CA, June 7, 2002.
21. University of Cincinnati, Mayfield Clinic, Cincinnati, OH, November 20, 2002.
22. University of Cincinnati, Cincinnati, OH, January 23-24, 2003.
23. Cedars-Sinai, Los Angeles, CA, Institute of Spine Disorders, February 11-12, 2003.
24. Weill Medical College of Cornell University, New York, NY, September 29, 2003.
25. University of Miami School of Medicine, Miami, FL, February 1-2, 2006.

Invited Guest:

1. Missouri Neurosurgical Society. St. Louis, MO, April 11, 1992.
2. Japanese Congress of Neurological Surgery, Matsue, Japan, April 11, 1996.
3. Montana Neurosurgical Symposium. Kalispell, MT, September 3-6, 1996.
4. South Carolina Spine Society. Charleston, SC, November 1-2, 1996.
5. North Carolina Neurosurgical Society. Pinehurst, NC, November 16, 1996.

6. 2nd Annual Indiana Spinal Trauma Symposium. Indianapolis, IN, May 3, 1997.
7. Montana Neurosurgical Symposium. Kalispell, MT, September 1-3, 1997.
8. First Japanese-Korean Spine Society, Nagoya, Japan, September 19-21, 1997.
9. Wisconsin Neurosurgical Society. Madison, WI, June 5, 1999.
10. Rocky Mountain Neurosurgical Society. ID, June 22-24, 1999.
11. Brazilian Neurosurgical Society. Sao Paulo, Brazil, October 9-11, 1999.
12. Colorado Spine Symposium, 10th Annual Denver, CO, November 5, 1999.
13. Russian Neurosurgical Federation. St. Petersburg, Russia, May 19-20, 2000.
14. Montana Neurosurgical Symposium. Chico, MT, August 28-30, 2000.
15. Western Neurosurgical Society. Victoria B.C., CANADA, October 13-14, 2002.
16. Honored Guest: Japanese Paraplegia Society, Aichi, Japan, November 13-14, 2003.
17. Interurban Neurosurgical Society, Chicago, IL, March 4-5, 2004.
18. Honored Guest: Neurosurgical Society of the Virginias, Greenbrier, WV, January 20-22, 2005.
19. Honored Guest: Cleveland Spine Review Hands-On, Cleveland, OH, July 20-24, 2006.

Bibliography

Articles

1. Haid RW Jr, Gutman L, Crosby T: Wernicke-Korsakoff encephalopathy following gastric plication. JAMA 247(18):2566-2567, 1982.
2. Kaufman HH, Makela MD, Lee KF, Haid RW Jr, Gildenberg PL: Gunshot wounds to the head: a perspective. Neurosurgery 18:689-695, 1986.
3. Haid RW Jr, Kaufman HH, Schochet SS Jr, Marano G: Epidural lipomatosis simulating an epidural abscess. Neurosurgery 21:744-747, 1987.
4. Kopitnik TA, Kaufman HH, Haid RW Jr, Marano GD, Nugent GR: Technique of stereotactic biopsy of two intracranial lesions using a single trajectory and spherical coordinates. Applied Neurophysiology 50:188-194, 1987.
5. Scott E, Haid RW Jr: Type I fractures of the odontoid process: implications for atlanto-occipital instability. Journal of Neurosurgery 72:488-492, 1990.
6. Jones E, Haid RW Jr: Injuries to the pediatric subaxial cervical spine. Seminars in Spine Surgery 3(1):61-70, 1991.
7. Haid RW Jr, Kopitnik TA: Thoracic spine fractures and instrumentation. Clinical Neurosurgery 37:213-233, 1991.
8. Dietze DD, Haid RW Jr: Antibiotic impregnated methylmethacrylate in treatment of infections with spinal instrumentation. Spine 17(8):981-987, 1992.

9. Dickman C, Fessler R, MacMillan M, Haid RW Jr: Transpedicular fixation of the lumbar spine: analysis of 104 cases. Journal of Neurosurgery 77:860-870, 1992.
10. Maimon D, Pinter F, Yoganandan N, Reinhartz J, Toselli R, Woodard E, Haid RW Jr: Pull-out strength of Caspar screws. Neurosurgery 31:1097-1101, 1992.
11. Haid RW Jr, Dickman C: Instrumentation and fusion for discogenic disease of the lumbosacral spine. Neurosurgery Clinics of North America 4(1):135-148, 1993.
12. Haid RW Jr: Atlanto-axial instability. Neurosurgical Consultations 4(3), 1993.
13. Morrill K, Foster J, Haid RW Jr: The LeFort I osteotomy as an approach to the midcranial base for tumor resection. Journal of Oral and Maxillofacial Surgery 51:82-84, 1993.
14. Haid RW Jr: Synthes I-Plate. Neurosurgery 33(3):528, 1993.
15. Haid RW Jr: Expert Commentary, Lumbar Sacral-Pelvic Fixation, Baldwin N, Benzel EC, Perspectives in Neurological Surgery 4(2):107, 1993.
16. Klucznik RP, Carrier DR, Pyka R, Haid RW Jr: Placement of a ferromagnetic intracerebral aneurysm clip in a magnetic field with a fatal outcome. Radiology 187:855-856, 1993.
17. Haid RW Jr: Commentary: Neurosurgical problems of the craniovertebral junction. Neurosurgical Consultations 4(18):6, 1993.
18. Haid RW Jr: Commentary - Spinal column tumors. Neurosurgical Consultations 4:5, 1993.
19. MacMillan M, Cooper R, Haid RW Jr: Lumbar and lumbosacral fusions using Cotrel-Dubousset pedicle screws and rods. Spine 19(4):430-434, Feb. 1994.
20. Arriaga M, Haid RW Jr: Antidromic stimulation of the greater superficial petrosal nerve in middle fossa surgery. Laryngoscope 105(1):1-4, Jan. 1995.
21. Alleyne CA, Rodts GR, Haid RW Jr: Corpectomy and stabilization with methylmethacrylate in patients with metastatic disease of the spine: A technical note. J Spine Disorders 8(6):439-443, 1995.
22. Morone MA, Rodts GR, Erwood SC, Haid RW Jr: Anterior odontoid screw fixation: Indications, complication avoidance, and operative techniques. Contemporary Neurosurgery 18(18):1-6, September, 1996.
23. Haid RW Jr, Benzel EC, McCormack PC, Stillerman C: Traumatic thoracolumbar instability. Perspectives in Neurological Surgery 7 (2):109-129, 1996.
24. Haid RW Jr: Traumatic thoracolumbar instability. Neurological Surgery 7(2), 1996.
25. Alleyne CA, Rodts GR, Haid RW Jr: Iliac crest reconstruction following autologous bone-graft harvesting. Neuro-Orthopaedics 20(2):89-93, 1997.
26. Martin GJ Jr, Haid RW Jr, Rodts GE: Injuries to the Atlantoaxial Complex: Diagnosis & Classification. Contemporary Neurosurgery 19(12):1-8, June, 1997.
27. Alleyne C, Haid RW Jr, Rodts GE, Nassar VH: Giant cell tumor of the thoracic spine: case report and review of the literature. Neuro-Orthopaedics 21:13-25, 1997.
28. Alexander J, Haid RW Jr: Upper cervical spine trauma: outcome assessment. Clinical Neurosurgery 44:305-313, 1997.

29. Haid RW Jr, McCafferty RR, Alleyne CH, Rodts GE Jr: Halifax Clamp Fixation for Atlanto-axial Instability: C1-C3 Fixation, a New Technique. Neuro-Orthopedics (22):107-116, 1998.
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32. McLaughlin MR, Comey CH, Haid RW Jr, Rodts GE Jr, Erwood SC, Smith CD: Laparoscopic Anterior Lumbar Interbody Fusion. Contemporary Neurosurgery 20(19), 1-9, September 1998.
33. Haid RW Jr: Cervical rheumatoid arthritis subluxations without myelopathy. Journal of Spinal Disorders 12(1):82-83, February 1999.
34. McCafferty R, Haid RW Jr, Martin G, Rodts G: Techniques for lateral mass plating of the posterior cervical spine in patients with cervical spinal stenosis. Techniques In Neurosurgery 5(2), 101-110, June 1999.
35. Subach BR, Morone MA, Haid RW Jr, McLaughlin MR, Rodts GR, Comey CH: Management of acute odontoid fractures with single-screw anterior fixation. Neurosurgery 45:812-820, October 1999.
36. McLaughlin MR, Zhang JY, Subach BR, Haid RW Jr, Rodts GE Jr: Laparoscopic anterior lumbar interbody fusion. Technical note. Neurosurgical Focus Vol. 7(6), Article 8, 1-6, December 1999.
37. Barnes B, McLaughlin MR, Birch B, Rodts GE, Haid RW Jr: Threaded cortical bone dowels for lumbar interbody fusion: technique and short-term results. Neurosurg Focus Vol. 7, December 1999.
38. Haid RW Jr, McLaughlin MR: Neurosurgery of the spine in the year 2001: a four-year review. Clinical Neurosurgery 45:153-159, 1999.
39. Martin G, Haid RW Jr, McMillan M, Rodts GE, Berkman R: Anterior cervical discectomy with freeze-dried fibula allograft: overview of 317 cases and literature review. Spine 24:852, May 1999.
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41. McLaughlin MR, Rodts GE Jr, Haid RW Jr, Subach BR: Current Techniques in Image-Guided Spine Surgery. Contemporary Neurosurgery 22(16):1-6, August 15, 2000.
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43. Schultz KD Jr, McLaughlin MR, Haid RW Jr, Comey CH, Rodts GE Jr, Alexander JT: Single-stage anterior-posterior decompression and stabilization for complex cervical spine disorders. Journal of Neurosurgery (Spine 2) 93:214-221, October, 2000.
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50. Rodts GE, McLaughlin MR, Zhang JY, Subach BR, Haid RW Jr: Laparoscopic anterior lumbar interbody fusion. Clin Neurosurg 47:514-27, 2000.
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60. Mummaneni PV, Rodts GE, Subach BR, Birch BD, Haid RW: Management of Thoracic Disc Disease. Contemporary Neurosurgery 23(22), 1-8, November 1, 2001.
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89. Boakye M, Mummaneni PV, Haid RW, Subach BR, Rodts GE: Transoral Odontoidectomies: A Clinical Series. In Preparation.
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95. Haid RW Jr: Advances in Biomaterials that Led to the Artificial Disc, Clinical Neurosurgery, Volume 52, December 2004.
96. Deutsch H, Haid RW Jr, Rodts GE Jr, Mummaneni PV: Occipitocervical Fixation: Long-Term Results. Spine, Volume 30, Number 5, 530-535, March, 2005.
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102. Vaccaro AR, Sahni D, Pahl MA, Harrop JS, Sharan AD, Venger BH, Haid RW Jr, Carrino JA, Vadera S, Hilibrand AS, Albert TJ: Long-Term Magnetic Resonance Imaging Evaluation of Bioresorbable Anterior Cervical Plate Resorption Following Fusion for Degenerative and Traumatic Disk Disruption. SPINE, Volume 31(18), pp 2091-2094, August 15, 2006.
103. MR IMAGING CLARITY OF THE BRYAN, PRODISC-C, PRESTIGE LP and PCM CERVICAL ARTHROPLASTY DEVICES: Sekhon L.H.S., Duggal N, Lynch JJ, Haid RW, Heller JG, Riew KD, Seex K, Anderson PA, Spine Journal, Spring 2007.

Manuscripts Submitted

1. Mummaneni PV, Chun JY, Srinivasan J, Haid RW: Posterior Cervical Fixation Utilizing Transarticular Screws in Combination With Lateral Mass Screws: Technical Note. Submitted Neurosurgery.
2. Mummaneni PV, Srinivasan J, Haid RW: Posterior Cervical Fixation From C1-C4 Using The Vertex System: Technical Case Report. Submitted Journal of Spinal Disorders.
3. Haid RW, Branch C, Alexander J, Burkus JK: Posterior Lumbar Interbody Fusion Using rhBMP-2 with Cylindrical Interbody Cages. Submitted The Spine Journal.
4. Mummaneni PV, Walker DH, Haid RW, Rodts GE Jr.: Treatment of Cervical Stenotic Myelopathy: A Comparison of Laminoplasty Versus Laminectomy and Lateral Mass Fusion. Submitted Journal of Neurosurgery, 2005.
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5. Mummaneni PV, Deutsch H, Rodts GE, Haid, RW: Posterior Cervical Laminoplasty Using a New Plating System., Joint Section on Disorders of the Spine and Peripheral Nerves, Tampa, FL, March 4-8, 2003.
6. Mummaneni PV, Deutsch H, Haid RW, Rodts GE: Cervical Pedicle Subtraction Osteotomy for Chin on Chest Deformity – Technique and Results, Southern Neurosurgical Society, Orlando, FL, March 14-16, 2003.
7. Mummaneni PV, Boakye M, Haid RW, Rodts GE: Fixation Utilizing C1 Lateral Mass Screws, C2 Pedicle Screws, and C2 Pars Screws-Pearls and Pitfalls, Southern Neurosurgical Society, Orlando, FL, March 14-16, 2003.
8. Zdeblick T, Brotchi J, Gill S, Haid R, Nelson R, McCombe P, Porchet F, Traynelis V: A Clinical and Radiographic Comparison of the Prestige™ Cervical Disc System to Fusion for the Treatment of Single-level Degenerative Disease, North American Spine Society, 18th Annual Meeting, San Diego, CA, October 21-25, 2003.
9. Mummaneni PV, Haid RW Jr, #1173, ACDF Utilizing PEEK Spacers Filled with BMP Offer an Effective Alternative to the Use of Allograft and Autograft Spacers, AANS/CNS Section on Disorders of the Spine & Peripheral Nerves, San Diego, CA, March 15-20, 2004.
10. Chun J, Haid RW Jr: #1199, C-1 Lateral Mass Screw Fixation: A Multi-Center, Two Year Follow-Up Experience, AANS/CNS Section on Disorders of the Spine & Peripheral Nerves, San Diego, CA, March 15-20, 2004.
11. Deutsch H, Haid RW Jr: #1221, Occipito-cervical Fusion versus Transoral Decompression and Fusion: 50 Patients, AANS/CNS Section on Disorders of the Spine & Peripheral Nerves, San Diego, CA, March 15-20, 2004.
12. Mummaneni PV, Haid RW Jr: #1173, ACDF Utilizing PEEK Spacers Filled with BMP Offer an Effective Alternative to the Use of Allograft and Autograft Spacers, American Association of Neurological Surgeons (AANS), Orlando, FL, May 1-6, 2004.
13. Chun J, Haid RW Jr: #1199, C-1 Lateral Mass Screw Fixation: A Multi-Center, Two Year Follow-Up Experience, American Association of Neurological Surgeons (AANS), Orlando, FL, May 1-6, 2004.
14. Deutsch H, Haid RW Jr: #1221, Occipito-cervical Fusion versus Transoral Decompression and Fusion: 50 Patients, American Association of Neurological Surgeons (AANS), Orlando, FL, May 1-6, 2004.

**PRIOR DEPOSITION AND TRIAL TESTIMONY OF
REGIS W. HAID, JR., MD**

- February 2003 – Deposition / Adola Grasha vs Dr. Paul Sawin**
- May 2003 – Deposition & Trial / Dr. Lonnie J. Lamprich
vs. Robert N. Holloway**
- November 2003 – Deposition and Trial / Karen & Dennis Suchomel et al
vs U.W. Hospital & Clinics et al**
- December 2003 – Deposition / Bennie Whitaker**
- May 2004 – Deposition / Tracy Faith Clark
vs The Estate of Ruston E. Mauldin**
- April 2005 – Deposition / Joann Apthorpe, et al
vs The Cleveland Clinic Foundation et al**
- February 2006 – Deposition / Harold Reid vs Dr. John A. Jane Sr.**

Relevant Case/Docket Numbers and Parties are Unknown